Better Homes and Gardens®

WOOD®

Special Edition

PRODUCTS GUIDE

THE #1 MAGAZINE FOR HOME WOODWORKERS

NOVEMBER 1991 • ISSUE NO. 47
Display Until December 10

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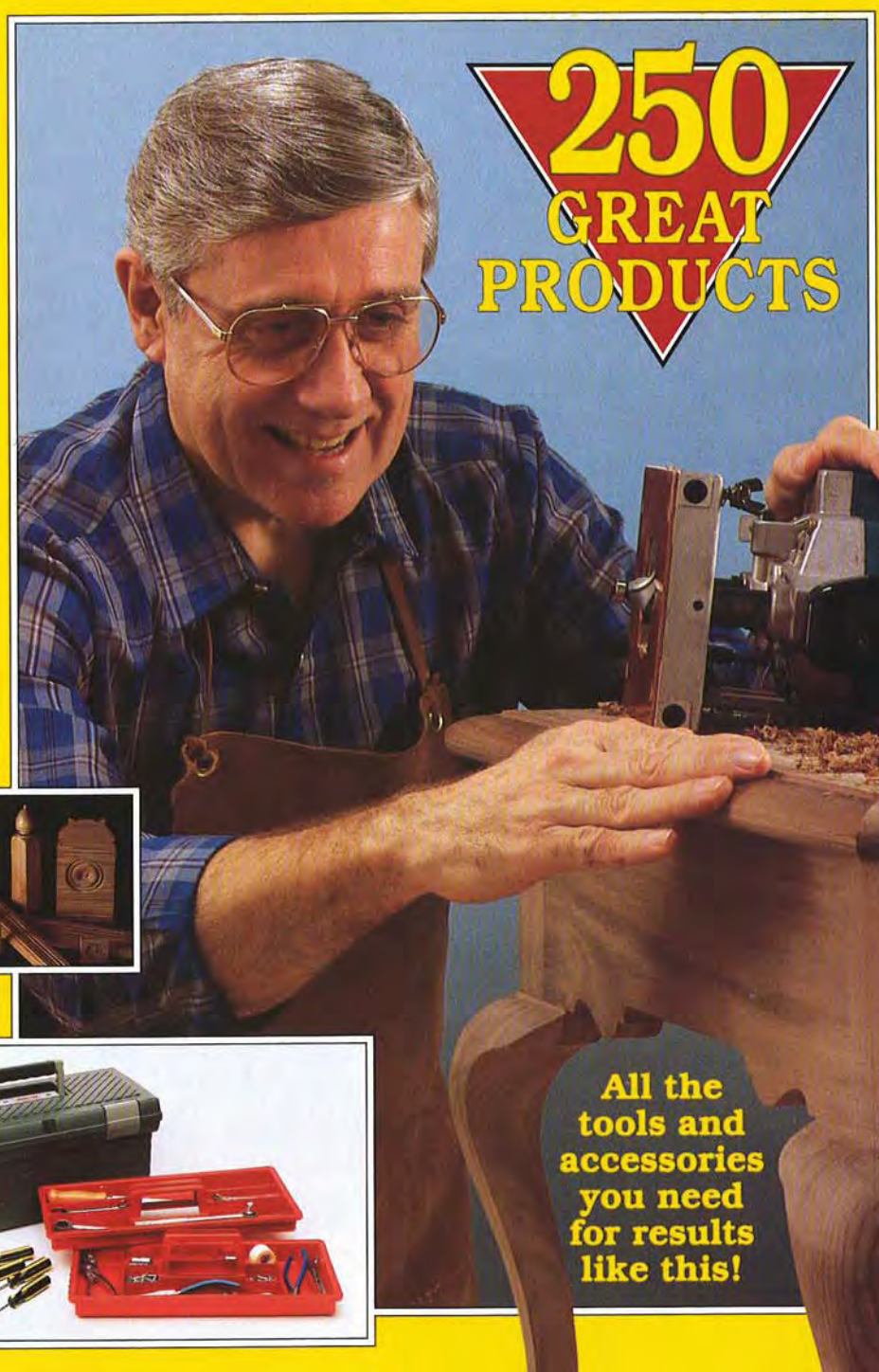

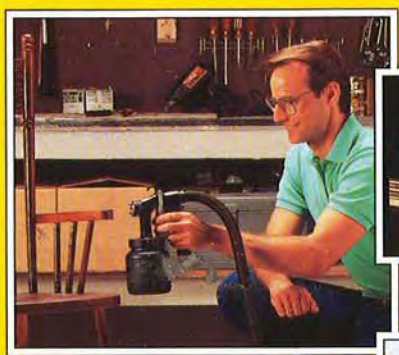

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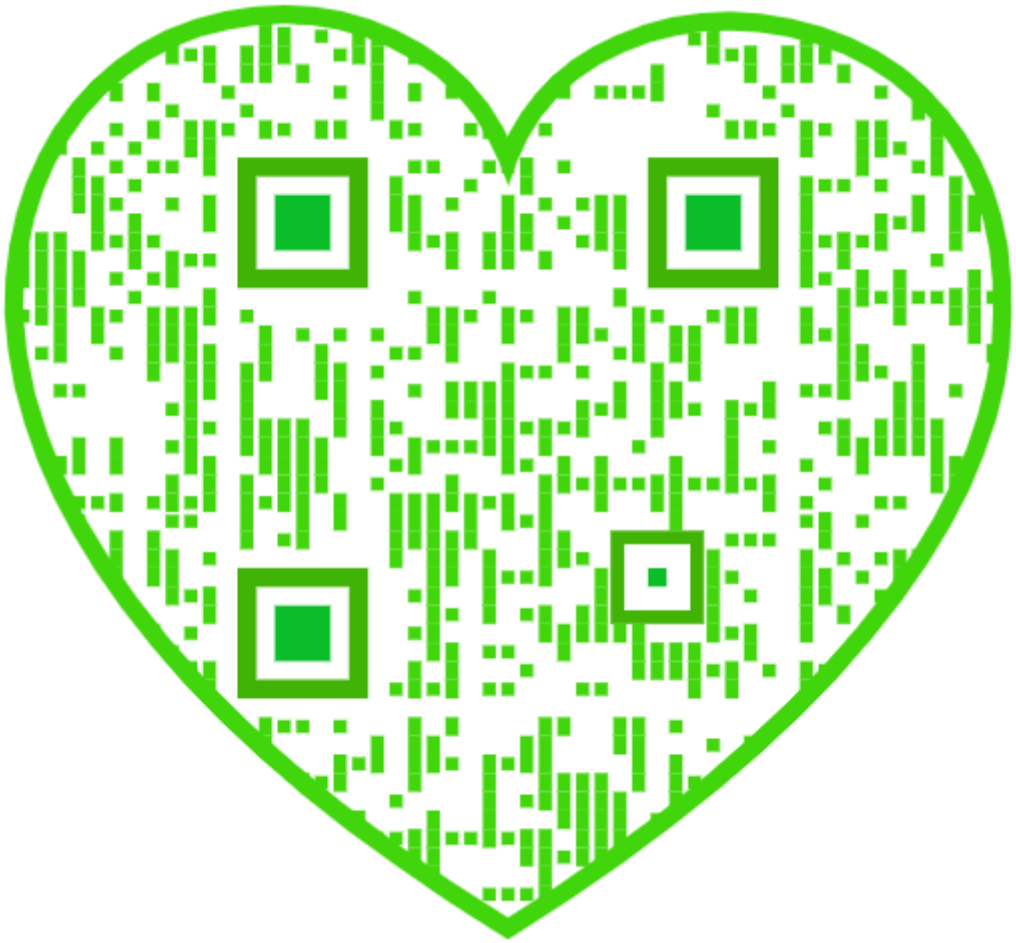

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This One Is For The Shopper In All Of Us

If you're like me—and I have a hunch that you are—you probably get a big kick out of going to homecenters, specialty woodworking stores, and hardware stores. It's there that I'm always running across a new wood-finishing product, or discovering an ingenious cabinet hinge, or happening onto any number of other products that are useful to me as a homeowner and a woodworker. Now that's my kind of shopping!

Products and Techniques Editor Bill Krier, *seated,* and Assistant Art Director Perry McFarlin making a few final color corrections on this special issue of *WOOD*®.

With that idea in mind, the staff and I have assembled this special Products issue. Now, you can do a little shopping without having to fight the Saturday-morning crowds or wait in line behind someone who doesn't quite know what he wants. On the pages that follow, you'll see over 250 products that we think woodworkers and do-it-yourselfers alike will find interesting.

To locate these products, we asked literally hundreds of manufacturers to nominate their best products. From the 1,000-or-so submissions, we chose about 150 items that we found most innovative and useful. Then, we traveled to the National Home Center Show in Chicago this spring where we interviewed manufacturers, witnessed product demonstrations, and tried out tools for ourselves. The result: another 100 products that just may change your woodworking habits.

Print this article

How to use this guide

To help you easily find the products, we've organized them into six chapters and included an index on page 4. For more information on a product, or where to find a dealer in your area, we've included the manufacturer's or supplier's address and phone number with each product description. You'll also find a manufacturers' listing on page 92.

We know that price influences your buying decision, too, so we've made every attempt to include an approximate price with each tool or accessory. Please use these prices as a shopping guideline, but not as a firm quotation.

By the way: we're not changing the *WOOD*® magazine format. This is the ninth issue in our new nine-issue line-up. For most subscribers, this is a bonus edition. Next month, we'll be back to our regular fare of great projects, techniques, tips, feature stories, and other information-packed articles you have come to expect from us. If you like this change-of-pace, let me know. Maybe we'll do it again next November.

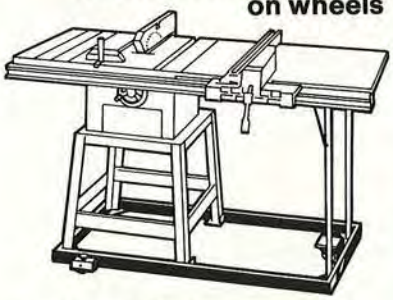
My thanks especially to Products/Techniques Editor Bill Krier and Perry McFarlin, our assistant art director (shown in photo), for their superb efforts in putting this issue together.

See you next time!

Larry Clayton

Mobile Machine Bases

to put your entire shop on wheels



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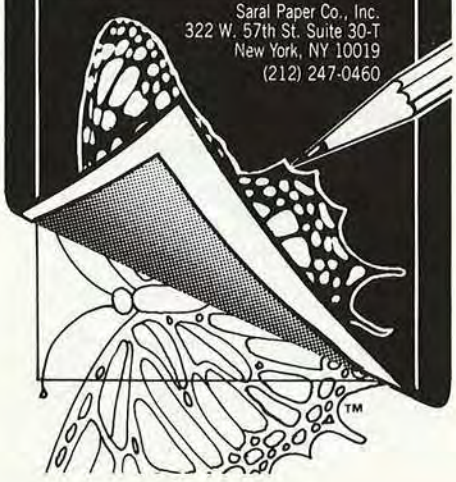

Better Homes and Gardens®

WOOD®

THE #1 MAGAZINE FOR HOME WOODWORKERS

This issue's cover wood grain: Red Alder *Cover photo: Hopkins Associates*

NOVEMBER 1991 ISSUE NO. 47

Handy Tools 18

The craftsmen of yesteryear would turn green with envy at the selection of hand tools available to you today.

Power Tool Potpourri 34

Good-quality stationary power tools make even the most demanding woodworking tasks a lot easier. Here are a few worth your scrutiny.

The Finish Line 42

Chemists far and wide have formulated innovative finishes for woodworkers. Let's take a look at what they've cooked up for you.

Power You Can Hold Onto. 50

You can cut the biggest job down to size in no time, provided you have the right portable power tool in hand.

Power Tool Accessories. 60

A collection of the right accessories will help you get more usefulness out of all the power tools in your shop.

Medley Of Merchandise 76

Glue, hardware, safety supplies, and more. If it defies being put into the above categories, you'll find it here.

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Graphic Designer **PERRY A. McFARLIN**

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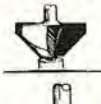

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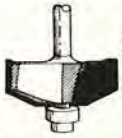

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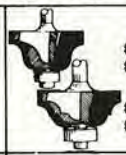

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	ST219	3/4	3/4	1/4	8.95
	ST406	1/4	3/4	1/2	5.50
	ST408	5/16	1	1/2	5.50
	ST410	3/8	1	1/2	5.50
	ST413	1/2	1	1/2	5.50
	ST413L	1/2	1-3/16	1/2	6.95
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	SL205-2	1-1/4	3/16	1/4	11.00
	SL206-2	1-1/4	1/4	1/4	11.00
	SL210-2	1-1/4	3/8	1/4	12.00

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	CR205	3/16	7/16	1/4	10.00
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	CR208	5/16	9/16	1/4	12.95
	CR210	3/8	5/8	1/4	14.00
	CR213	1/2	3/4	1/4	16.00
	CR406	1/4	1/2	1/2	11.95
	CR410	3/8	5/8	1/2	14.00
	CR413	1/2	3/4	1/2	16.00
	CR416	5/8	7/8	1/2	19.00
	CR419	3/4	1	1/2	20.00
	CR425	1/2	1-1/4	1/2	32.50
	CR432	1-1/4	1-3/4	1/2	42.95
Roman Ogee	RO204	5/32	1/2	1/4	15.00
	RO206	1/4	3/4	1/4	16.00
	RO404	5/32	1/2	1/2	15.00
	RO406	1/4	3/4	1/2	16.00
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	CV205	3/16	7/16	1/4	11.00
	CV206	1/4	1/2	1/4	11.00
	CV208	5/16	1/2	1/4	12.00
	CV210	3/8	1/2	1/4	12.00
	CV213	1/2	5/8	1/4	13.00
	CV406	1/4	1/2	1/2	12.00
	CV410	3/8	1/2	1/2	12.50
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	CV419	3/4	7/8	1/2	27.00
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	HR208	5/8 D	1	1/4	16.00
	HR210	3/4 D	1-1/8	1/4	16.00
	HR410	3/4 D	1-1/8	1/2	17.00
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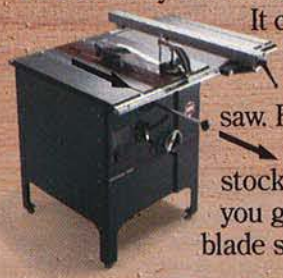
We used the new SAWSMITH 2000 table saw. Which is not exactly a table saw.



It cuts by pulling the blade through the wood like a radial arm saw. But it's not exactly a radial arm saw. Because it cuts from beneath like a table saw, it doesn't climb the stock like a radial arm saw can. So you get accurate cuts. And with the blade secured you can perform other table saw operations like ripping.

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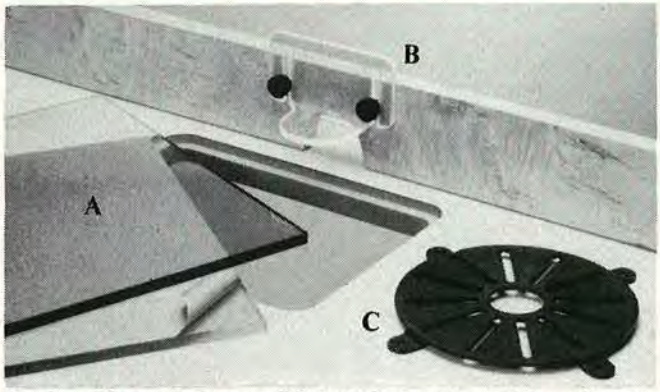

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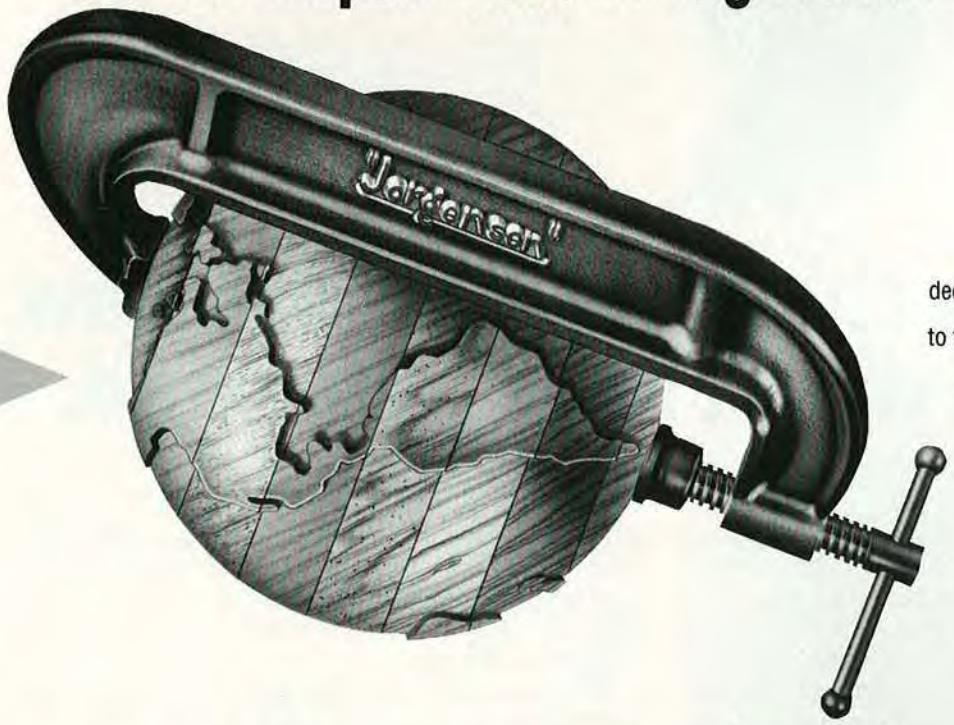

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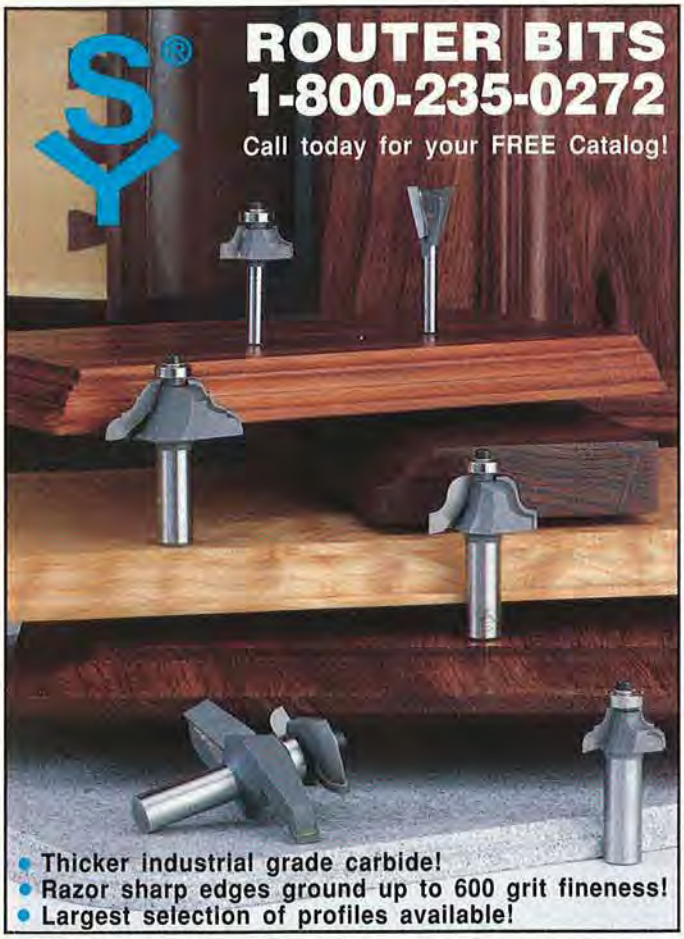

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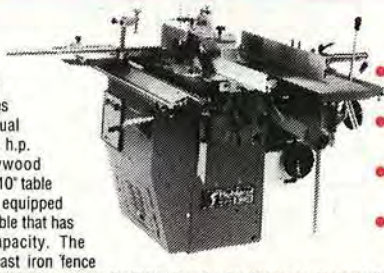

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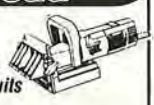

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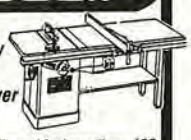

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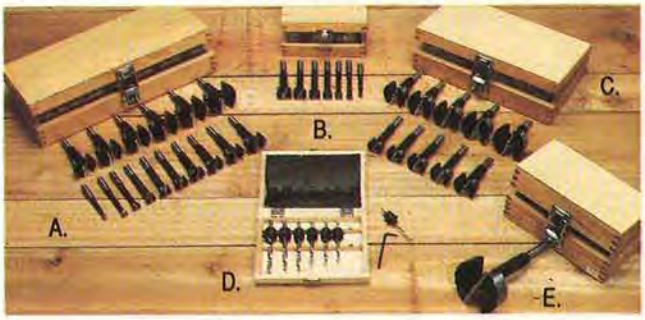
Tool Safety Tips

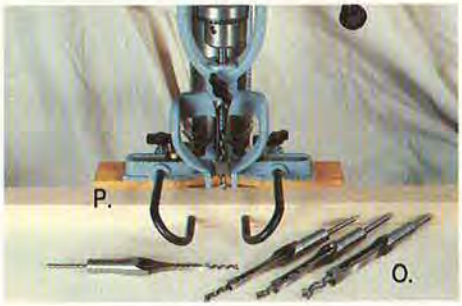
Practicing tool safety regularly is one of the first habits to develop in the home workshop. Use common sense, and the guidelines below, to add to the many hours of woodworking enjoyment ahead of you.

Print this article

- Always unplug a power tool before servicing or adjustment. Let moving parts come to a standstill.
- Never wear loose-fitting clothes or dangling jewelry when using power or hand tools.
- Check the condition of a tool before you use it. Inspect power cords for cracks or frays, cutting edges for sharpness, and handles for stability.
- Don't tamper with or remove safety mechanisms from power tools. After all, they are there for your protection.
- Use the proper tool for a job. Read and understand all instruction manuals that apply to a tool before you use it. Find out what it was meant to do as well as what it can't do.
- If there is even a remote possibility of eye injury in a particular situation, don't hesitate to wear safety goggles.
- Keep onlookers, especially young children, a safe distance away while you're working with tools. Always instruct others in the proper use of a tool before letting them use it.
- Work in good light. Use bulbs of sufficient wattage and have extra clamp-on or other portable lights available as needed.
- Never work with tools when you're in a hurry, tired, or in a bad mood.
- Put tools away after use, preferably in a locked cabinet.

AMAZING PRICE BREAKTHROUGHS!





A. **16 pc. Forstner Bit Set** #77581 $87.95
All bits 3 1/2" overall, precision ground, HRC 50-52. Sizes 1/4" through 2 1/8" in wooden case. All 3/8" shanks. Sizes over 1 1/2" supplied with saw teeth to eliminate overheating.

B. **7 pc. Forstner Bill Set** #77571 $27.95
All bits 3 1/2" overall, precision ground, HRC 50-52. Sizes 1/4" through 1" in wooden case.

C. **10 pc. Forstner Bit Set** #53982 $74.95
All bits 3 1/2" overall, precision ground, HRC 50-52. Sizes 1", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 2", 2 1/8" in handsome wooden case. All bits with saw teeth for faster heat-free drilling!

D. **22 pc. HSS Tapered Drill, Countersink/Bore, Stop Collar Set** #12232 $26.95
For screw sizes #'s 5, 6, 7, 8, 9, 10, 12. Wood case included.

E. **Jumbo Forstner Bits** #18302 $139.95
8 pc. Set includes 2 1/2" thru 3 1/8", all with saw teeth.

2 1/4" Bit #18232	$21.95	2 3/4" Bit #18272	$27.95
2 3/8" Bit #18242	$22.95	2 7/8" Bit #18282	$31.95
2 1/2" Bit #18252	$24.50	3" Bit #77591	$33.99
2 5/8" Bit #18262	$25.50	3 1/8" Bit #18292	$35.95

F. **Classic Bench Hold-down** #54012 $6.95
Tap on top secures your work, tap at the back releases it. Great for any workbench top.

G. **Special Anti-Kickback Device**

Tablesaw Anti-Kickback	#50179	$31.95
Radial Anti-Kickback	#74131	$31.95
Shaper Anti-Kickback	#74141	$31.95
Optional 2 pc. Aluminum Track	#74201	$10.95

H. **Anti-Kickback Featherboard & Hold Down**
Featherboard fits into miter gauge slot of your tablesaw and locks into position. Also prevents material from raising off the blade. #29402 $11.95

I. **Safety Push Block**
Sure grip 3" x 5" pad. Helps keep hands away from planer, jointer or tablesaw blades. #54032 $3.95

J. **Quick Release, Large Capacity Bench Vise**
Heavy cast iron construction with built-in steel bench dog. Jaws are 7" wide and predrilled for adding wooden faces. Opens to 11" and mounts to a 2 5/8" or thinner section of your bench. #54002 $37.95

K. **5 pc. Jumbo Bradpoint Drill Set**
Comes in sizes 9/16", 5/8", 7/8" & 1". All with 3/8"shanks. #54992 $18.95

L. **7 pc. Carbide Tipped Bradpoint Drill Set**
Creates clean entry holes with no overheating. Sizes 1/8", 3/16", 1/4", 5/16", 7/16", & 1/2". Wooden case included. #53992 $31.95

M. **25 pc. Bradpoint Drill Set** #77611 $17.95
Fits any 3/8" or larger chuck. Free metal index.

N. **7 pc. Stop Collar Set** #93361 $4.95

O. **4 pc. Mortise & Chisel Set** #54022 $39.95
Comes with sizes 1/4", 5/16", 3/8" & 1/2". Standard 5/8" shank fits most brand's mortise attachment.

P. **Mortise Attachment** #64202 $24.95
Fits all major brands and imports including Jet, Grizzly and Delta. For 5/8" shank, chisels and bits.

In Ohio, please add 6% Sales Tax. Minimum order $18.95.
All orders add $3.00 shipping/handling charge.

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Handy Tools

Even in this power-everything woodworking world, most tasks still require a hand tool or two. And, having the right hand tool within easy reach can make all the difference between having fun and being frustrated with your next project. Here are some items that might just save your day.

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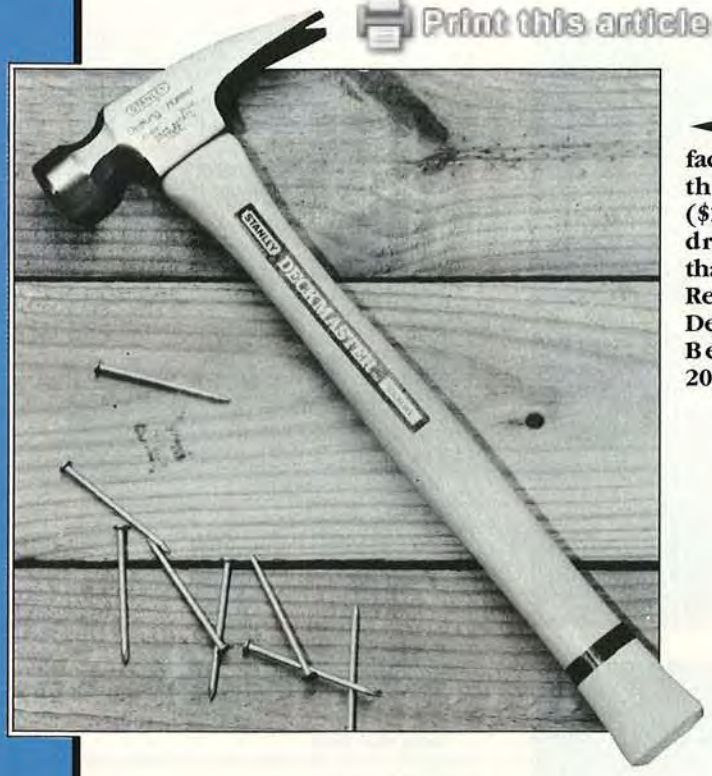
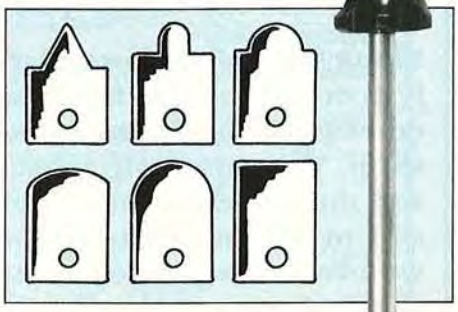
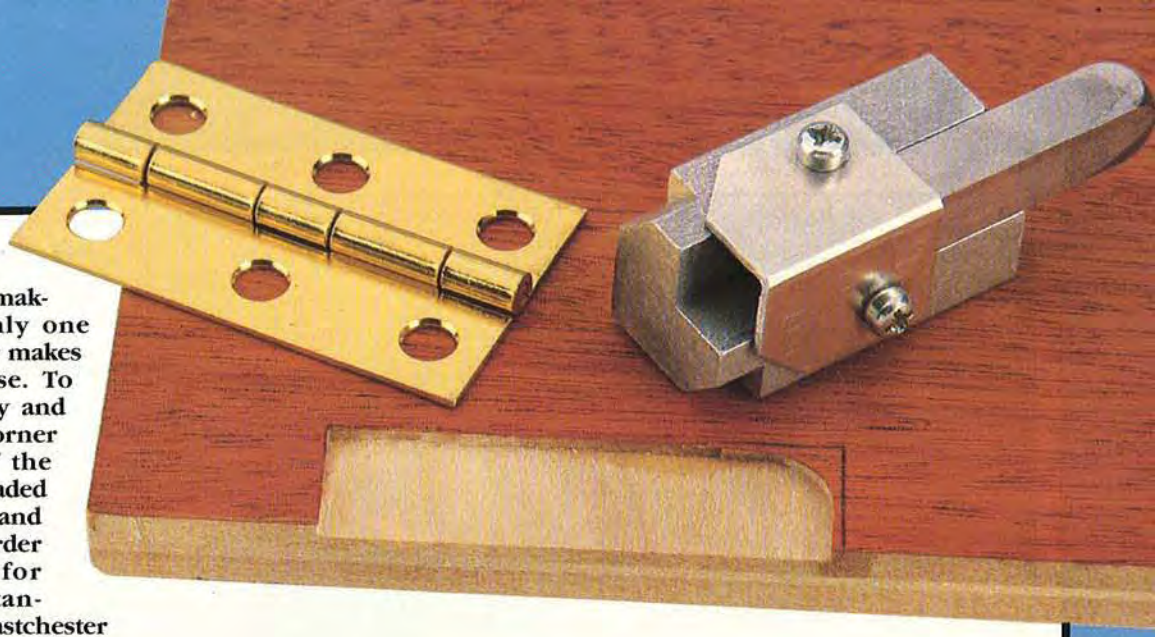


◄ With an oversized face and weight of 21 oz., the Stanley Deckmaster ($24.79 list) will help you drive deck nails faster than ever. Stanley Tools, Reader Response Service, Dept. WD, P.O. Box 1146, Bellmore, NY 11710; 203/827-5237.



▲ Removing paint or varnish from intricate moldings can turn into time-consuming work if your scraper or sandpaper can't reach into tiny nooks and crannies. The Shape Skrape holds one of six differently shaped, interchangeable blades for getting into those tight spots. Replacement blades available. Price: $9.25 ppd. from CONVALCO, Dept. WD, P.O. Box 1957, New Britain, CT 06050; 203/223-0076.

► From the land of the rising sun come traditional Japanese Handsaws that cut on the pull stroke. One side of the replaceable blade is for rip cuts, the other side has fine teeth for smooth, tear-free crosscuts. $21.90 ppd. from The Japan Woodworker, Dept. WD, 1731 Clement Ave., Alameda, CA 94501; 800/537-7820 or 415/521-1810.

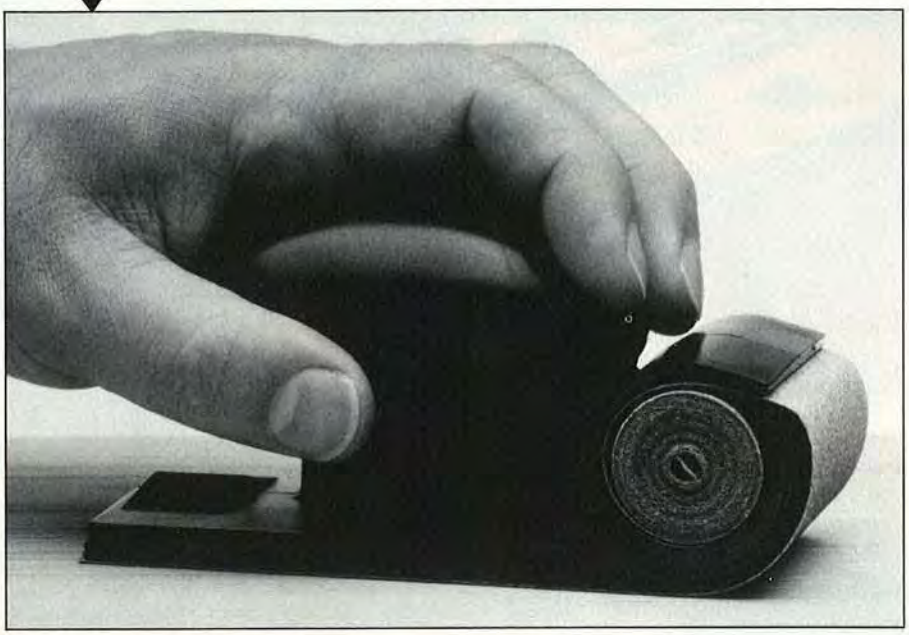


Routers are great for making mortises. There's only one problem. The router cutter makes a round-cornered mortise. To square the mortise quickly and cleanly, just line up the Corner Chisel with the sides of the mortise, tap the spring-loaded cutter with your hammer and presto! Square corners. Order product No. SPT42234 for $21.95 ppd. from Constantine's, Dept. WD, 2054P Eastchester Road, Bronx, NY 10461; 800/223-8087 or 212/792-1600.

Who says woodworkers can't have measuring and marking tools as nice as any machinist's? Not the makers of General Tools' new Woodworking Measuring and Marking Kit that includes a 6" combination square with level and scribe, protractor and depth gauge, stainless-steel 6" rule, high-quality pencil compass, scratch awl, and dial calipers. Suggested list price: $92, General Tools Mfg. Co., Dept. WD, 80 White St., New York, NY 10013; 212/431-6499.

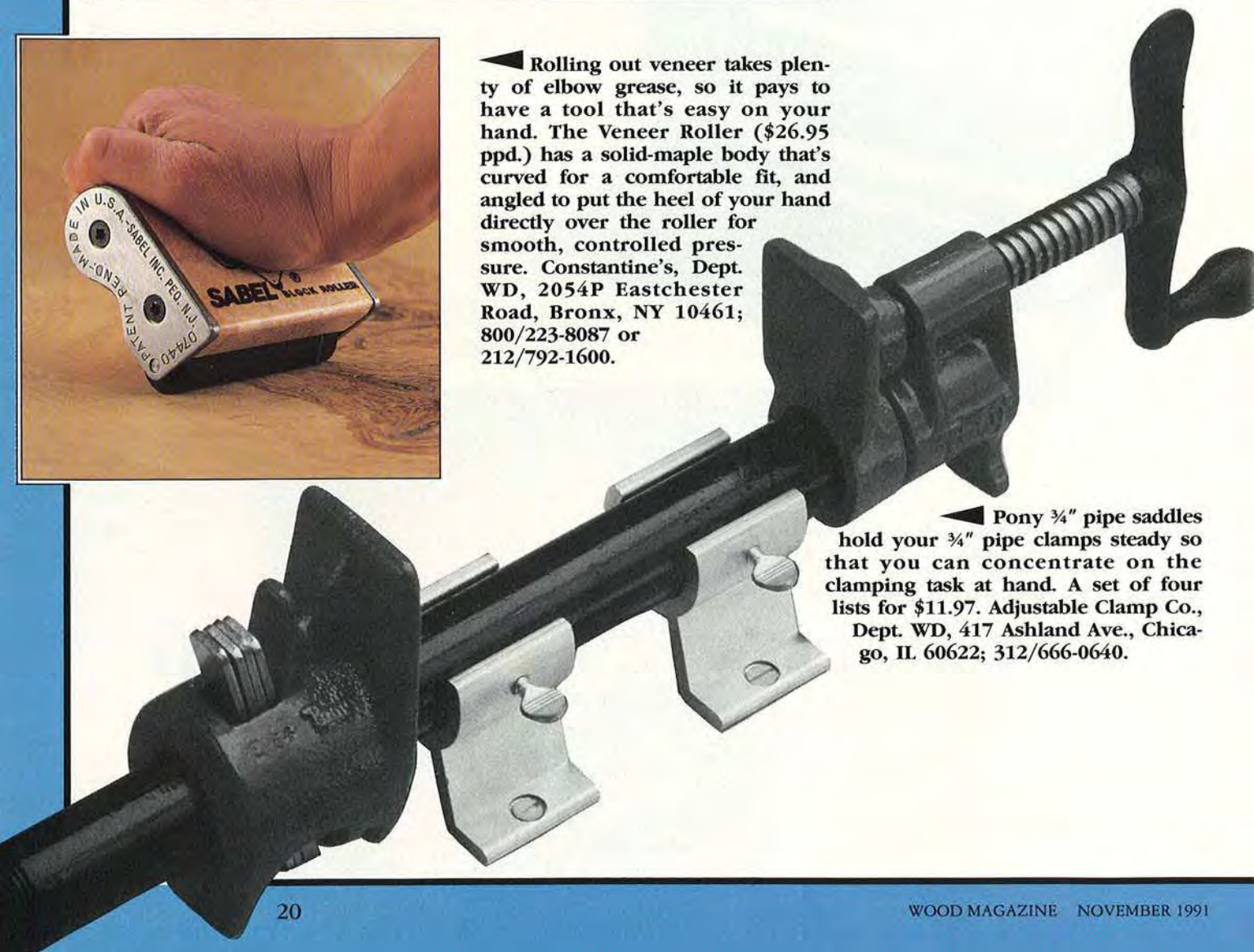
The Rali 220 Bench Plane features a disposable, double-edged blade that automatically indexes square to the sole of the plane for smooth, effortless planing. $89.95 ppd. from Farris Machinery, Dept. WD, 320 N. 11th St., Blue Springs, MO 64015; 800/872-5489 or 816/229-3055.

Hand Tools

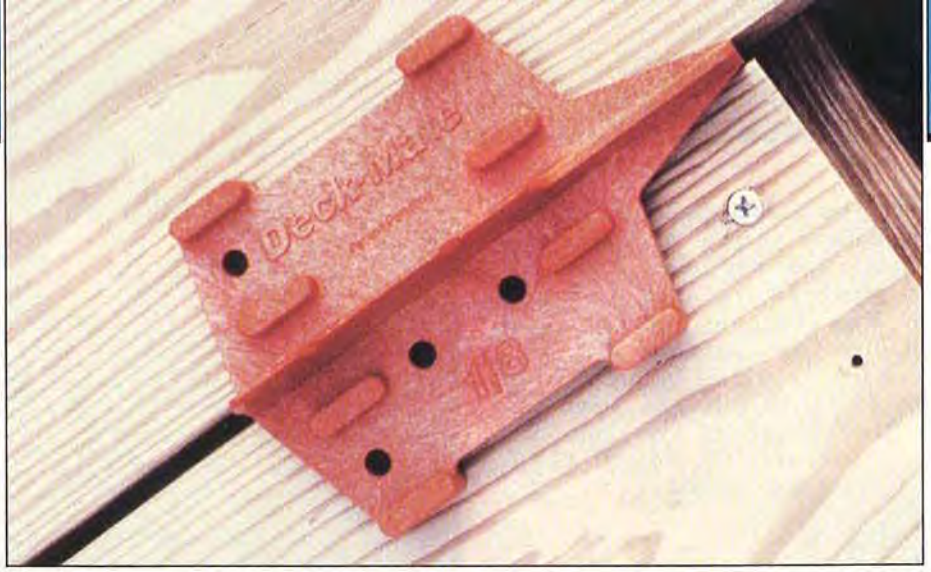


There's just no getting around some hand-sanding on many projects, but the Hand Ease Sander makes the job as quick and convenient as possible. The lightweight tool fits comfortably in your hand, and holds a continuous roll of sandpaper. When you wear out a section of paper, just tear it off and roll out some fresh abrasive. About $5.99 for the sander, and $3.49 for replacement rolls in various grits. Consumer Relations, Dept. WD, 3M DIY Division, 3M Center, 515-3N-02, St. Paul, MN 55144.

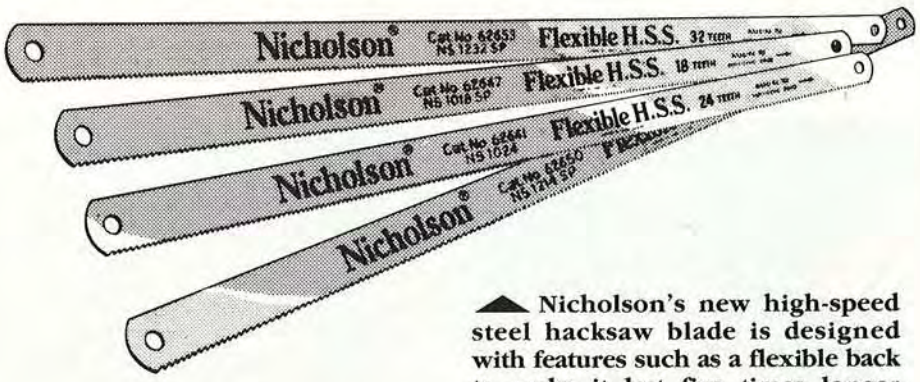
Rolling out veneer takes plenty of elbow grease, so it pays to have a tool that's easy on your hand. The Veneer Roller ($26.95 ppd.) has a solid-maple body that's curved for a comfortable fit, and angled to put the heel of your hand directly over the roller for smooth, controlled pressure. Constantine's, Dept. WD, 2054P Eastchester Road, Bronx, NY 10461; 800/223-8087 or 212/792-1600.



Pony ¾" pipe saddles hold your ¾" pipe clamps steady so that you can concentrate on the clamping task at hand. A set of four lists for $11.97. Adjustable Clamp Co., Dept. WD, 417 Ashland Ave., Chicago, IL 60622; 312/666-0640.



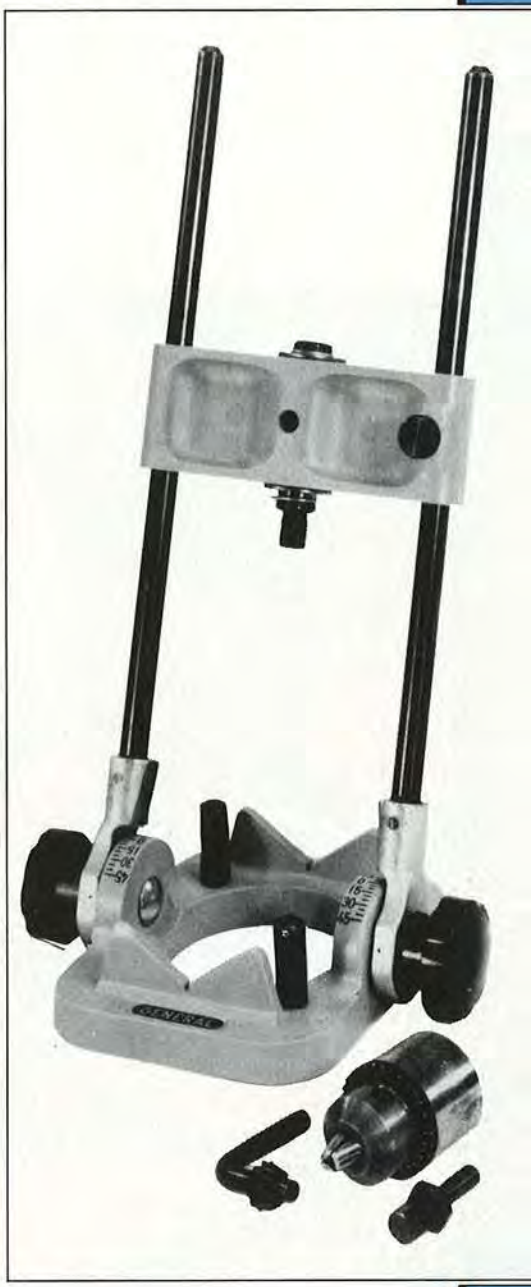
▲ For a deck that's well constructed and good looking, you need to space the boards evenly. Deck-Mate helps you set boards either ⅛" or 3/16" apart, and serves as a template for marking evenly spaced pilot holes on board ends. You can order it for $5 ppd. from Riecreation Products, Dept. WD, 7 Olde Orchard Lane, Fairport, NY 14450; 716/377-0070.



▲ Nicholson's new high-speed steel hacksaw blade is designed with features such as a flexible back to make it last five times longer than conventional carbon blades. The blade comes in two sizes: 10" with three tooth configurations, and 12" with four tooth configurations. Suggested retail price: $2.39–$2.59 for two blades. Nicholson High-Speed Steel Hacksaw Blades, Dept. WD, P.O. Box 728, Apex, NC 27502.

▼ Small-scale tinkerers rejoice! The Miter Rite ($27.45 ppd.) handles your small workpieces with the delicate touch they deserve. Its saw blade has 54 teeth per inch for fine cutting, and adjusts 65° on each side of 90°. Micro-Mark, Dept. WD, 340-1077 Snyder Ave., Berkeley Heights, NJ 07922; 800/225-1066 or 908/464-6764.

▼ Here's a way to get drill-press accuracy with your portable drill. General Tools' Drill Guide ($37.60 list price) adjusts to a 45° angle from either direction of vertical, and has a V-groove for positioning dowels, pipes, or tubing. The tool works with ⅜" and ½" drills with a ⅜" × 24-thread chuck-mounting shaft. General Tools Mfg. Co., Dept. WD, 80 White St., New York, NY 10013; 212/431-6100.



Hand Tools

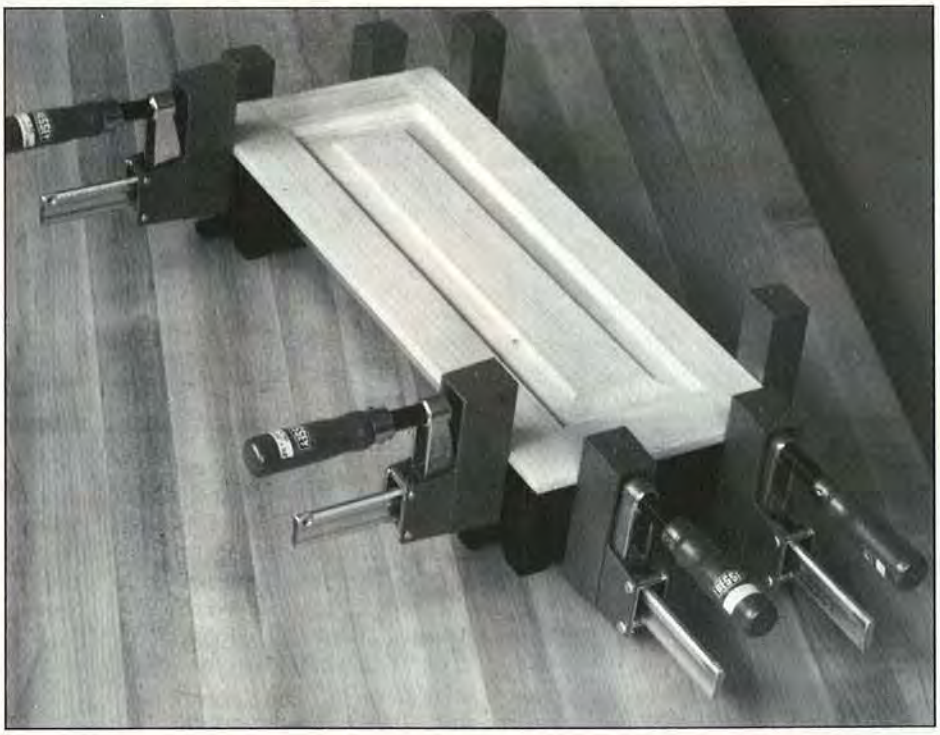
▲ A mallet with a nearly indestructible head? Yep. The ultra-high-density, molded polyethylene heads of the Vaughan "Super-Plastic" Mallet will not fracture or delaminate under hard blows. The mallets are available in three sizes: 8, 11, and 17 oz. (the 11-oz. model has a suggested retail price of $16.80). Available at most hardware stores and homecenters.

► The E-Clamp holds all sorts of irregularly shaped workpieces including rods and tubes. It also has an attachable, centered third arm for edge clamping. The tool comes in three jaw capacities: 2½", 4½", and 6½", ranging in price from $22.50–$34.50. Inlet Inc., Dept. WD, One Saunders Ave., San Anselmo, CA 94960-1795; 800/786-5665.

▼ With a toggle lock positioned where the thumb naturally grips the tape, the Lufkin Series 2000 Power Tapes give you comfortable and accurate performance. Suggested retail prices for the 12′ and 16′ models: $16.79 and $20.79. Lufkin 2000, Dept. WD, P.O. Box 728, Apex, NC 27502.

► With one of these hot branding irons in hand, you can quickly and tastefully put your personal brand on all your woodworking projects. A two-line version such as the one shown, with a name not exceeding 20 characters, sells for $29 ppd. (Electric versions also available.) Nova Tool, 12500 Finigan Rd., P.O. Box 29341, Dept. BG, Lincoln, NE 68529; 800/826-7606 or 402/464-0511.

▼ Here's a quick, affordable, and effective way to square and clamp rectangular frames without the fear of bowing. Bessey's KP Framing System consists of four die-cast aluminum blocks for holding four Bessey K Body clamps in a square configuration. Together, these components form an ideal clamping jig for doors, window frames, boxes, and picture frames. A set of four blocks lists for $49.70. K Body clamps have jaw openings from 12" to 98" and list for $41.85 to $77.60 each. American Clamping Corporation, Dept. WD, 50 Franklin St., P.O. Box 399, Batavia, NY 14021; 800/828-1004 or 716/344-1160.



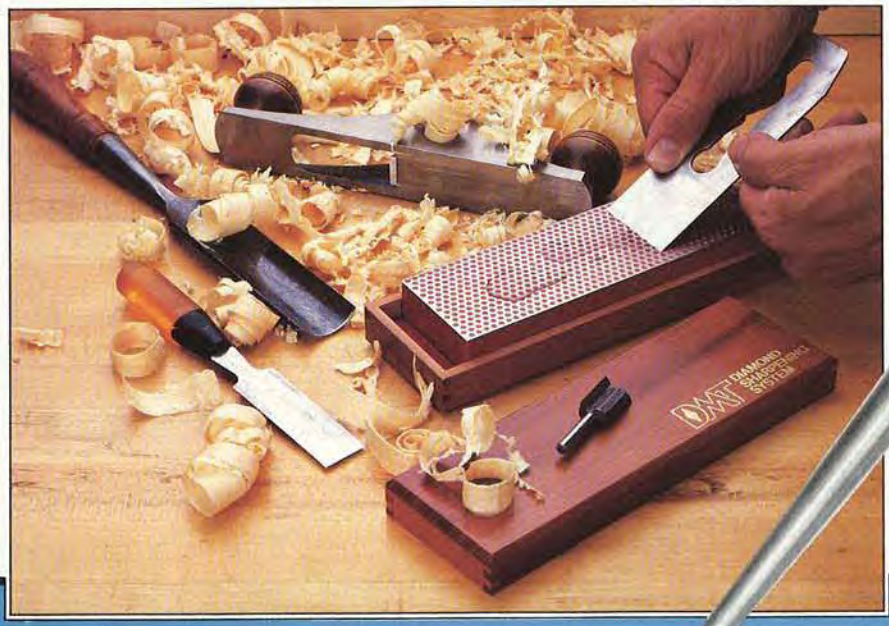
▲ At one time or another, most of us have either dropped and damaged a level or inadvertently left one out in the elements. Now, Stanley has a solution for these problems. The Protect-A-Level Case fits most 24" and 48" levels and lists for $8.59 and $12.85. Stanley Tools, Reader Response Service, Dept. WD, P.O. Box 1146, Bellmore, NY 11710; 203/827-5237.

Hand Tools

▲ When ordinary paint scrapers won't work, reach for the Red Devil Contour Molding Scraper. It works on S-shaped and cove moldings, and can be used as a heat-gun accessory. List price: $5.65. Red Devil, Dept. WD, 2400 Vauxhall Rd., P.O. Box 194, Union, NJ 07083-1933; 800/247-3790 or 908/688-6900.

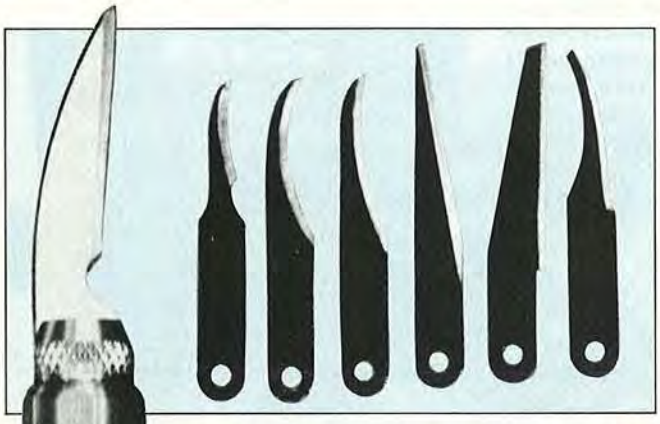
► As its name implies, Vaughan's Original SuperBar may prove to be one of the handiest items in your toolbox. The 15"-long tool works for many prying and lifting tasks. Its uniquely shaped head makes pulling nails easy. Suggested retail price: $11. Available at most hardware stores and homecenters.

▼ They say diamonds are forever, and you can count on a lifetime of service from an 8" or 12" DMT Diamond Whetstone. The indestructible "stones" remain flat, come in three grits, and require only water for lubrication. The 8" costs $75, the 12" sells for $130 (add $2.50 for handling). Diamond Machining Technology, Dept. WD, 85 Hayes Memorial Drive, Marlborough, MA 01752; 800/666-4368.

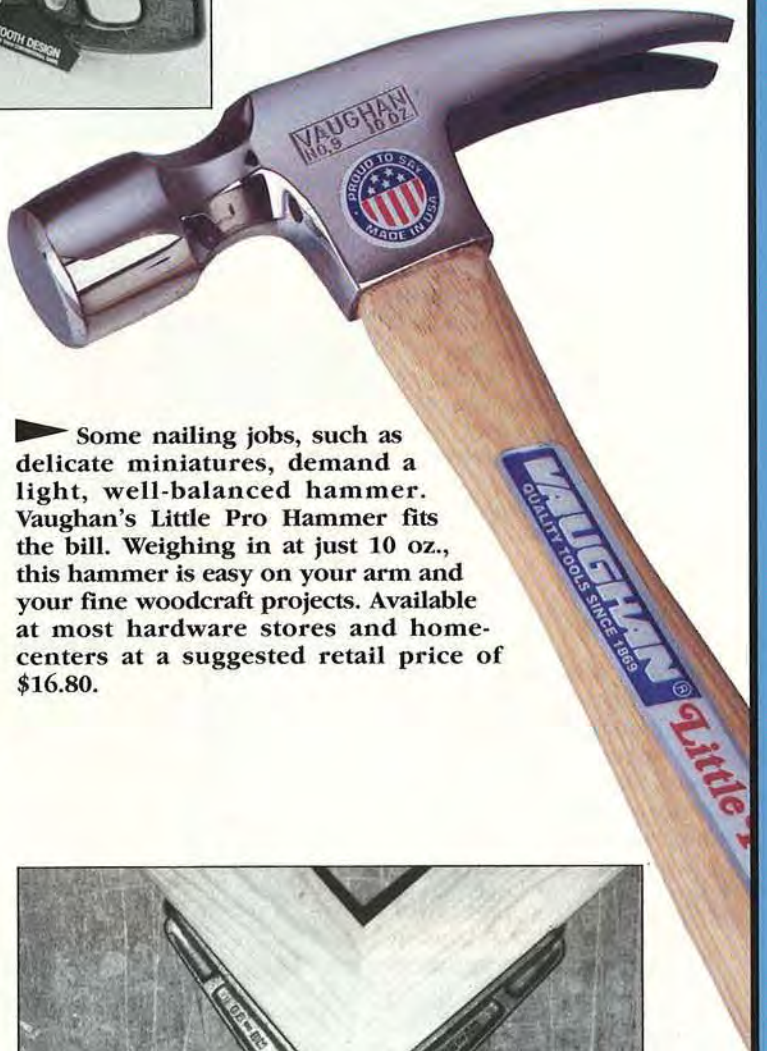


▲ Sharpening curved blades such as gouges is no easy feat, but the Warren Sharpening Aid (No. K91-5, $32.25 ppd.) sure helps. The tool has a brass chuck for holding a 4"-long, interchangeable, diamond-impregnated steel, tapered round hone. Warren Tool Co., Dept. WD, 2209-1 Rt. 9G, Rhinebeck, NY 12572; 914/876-7817.

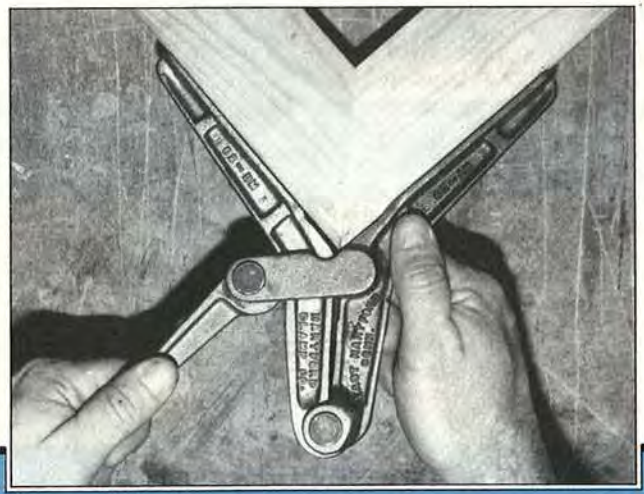
Stanley's new line of Short Cut handsaws has precision-set and bevel-ground teeth that cut in both the push *and* pull strokes. Stanley has incorporated this design in crosscut and backsaws, with list prices in the $15–$25 range. Stanley Tools, Reader Response Service, Dept. WD, P.O. Box 1146, Bellmore, NY 11710; 203/827-5237.



Here's an easy and inexpensive ($18.90 ppd.) way to get started in carving. Warren Tool's new 8-Piece Deluxe Woodcarving Kit (No. K91-2) features a walnut handle with brass fitting for prehoned interchangeable blades. Warren Tool Co., Dept. WD, 2209-1 Rt. 9G, Rhinebeck, NY 12572; 914/876-7817.

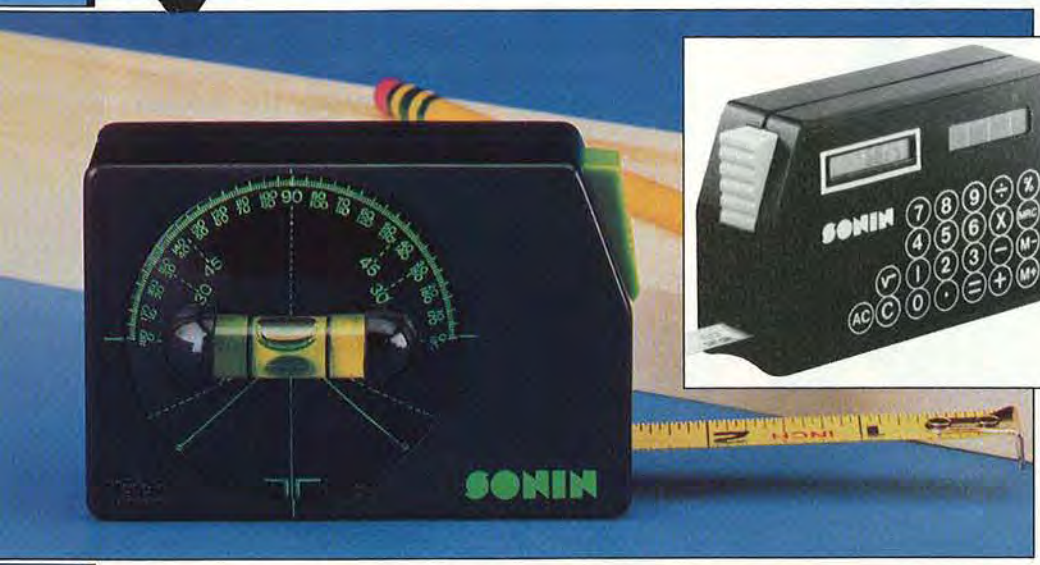


Some nailing jobs, such as delicate miniatures, demand a light, well-balanced hammer. Vaughan's Little Pro Hammer fits the bill. Weighing in at just 10 oz., this hammer is easy on your arm and your fine woodcraft projects. Available at most hardware stores and home-centers at a suggested retail price of $16.80.



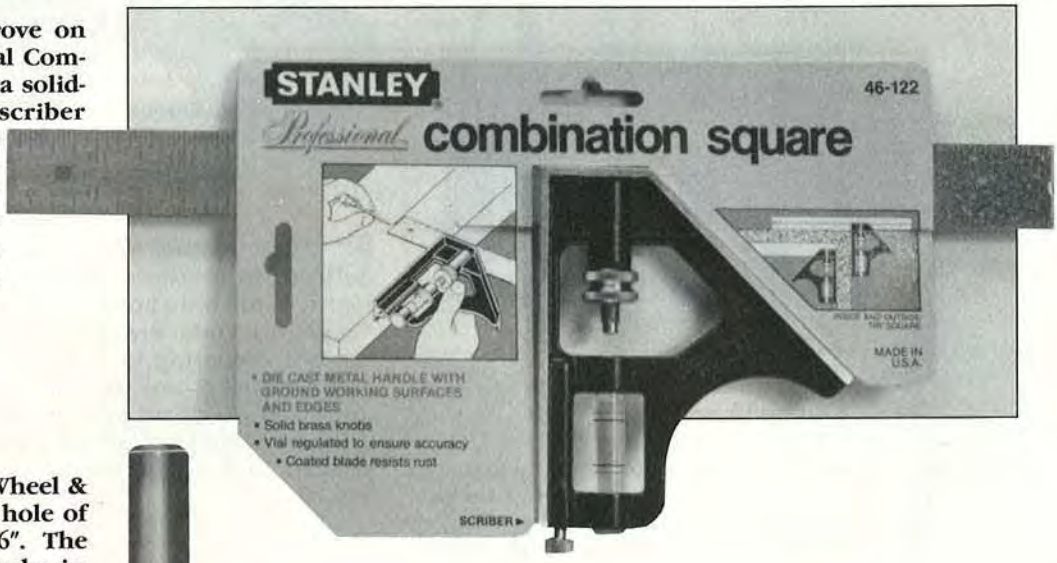
No clamp joins together two mitered pieces as quickly as the No. 62 Mitre Clamp (about $38). Its jaws have tiny sharpened pins that grab the workpiece as you pull on the clamp's eccentric lever. That's it! The pins make hardly noticeable holes in the workpiece. The Hartford Clamp Company, Dept. WD, 466 Park Ave., P.O. Box 280131, East Hartford, CT 06128; 203/528-1708.

Hand Tools

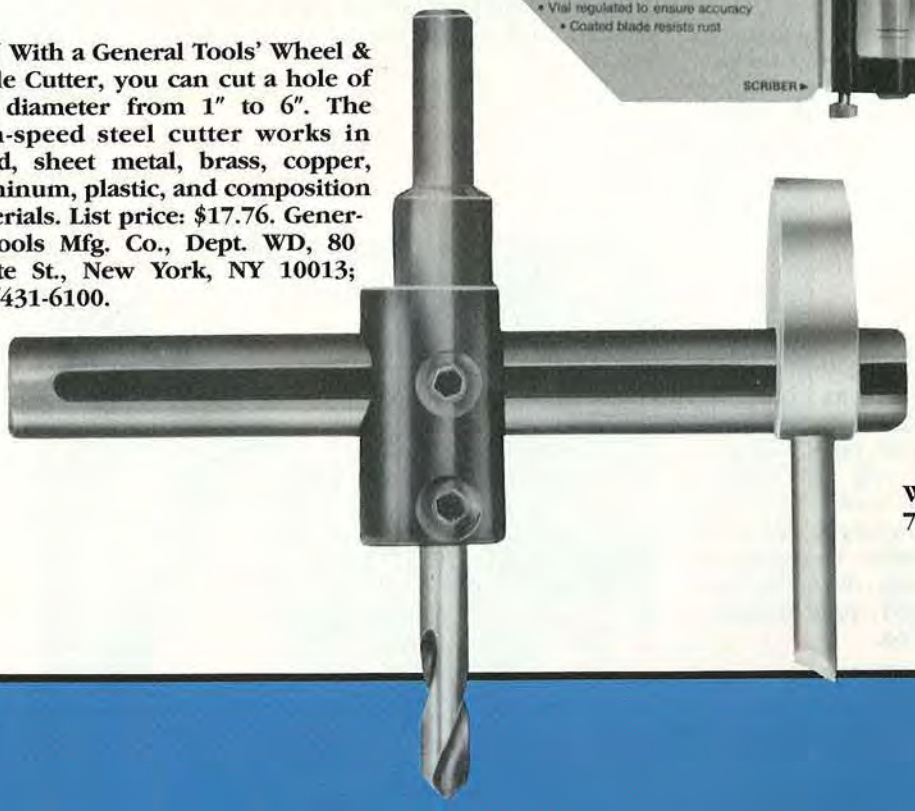


Sonin's Calcu-Tape combines five tools in one compact instrument: 12′ locking, power-return tape rule, solar-powered calculator, level vial for plumb or horizontal readings, angle finder for any pitch from 0° to 180°, and an erasable writing surface. Whew! And all for $17.99 ppd. Sonin Inc., Dept. WD, 672 White Plains Rd., Scarsdale, NY 10583; 800/223-7511 or 914/725-0202.

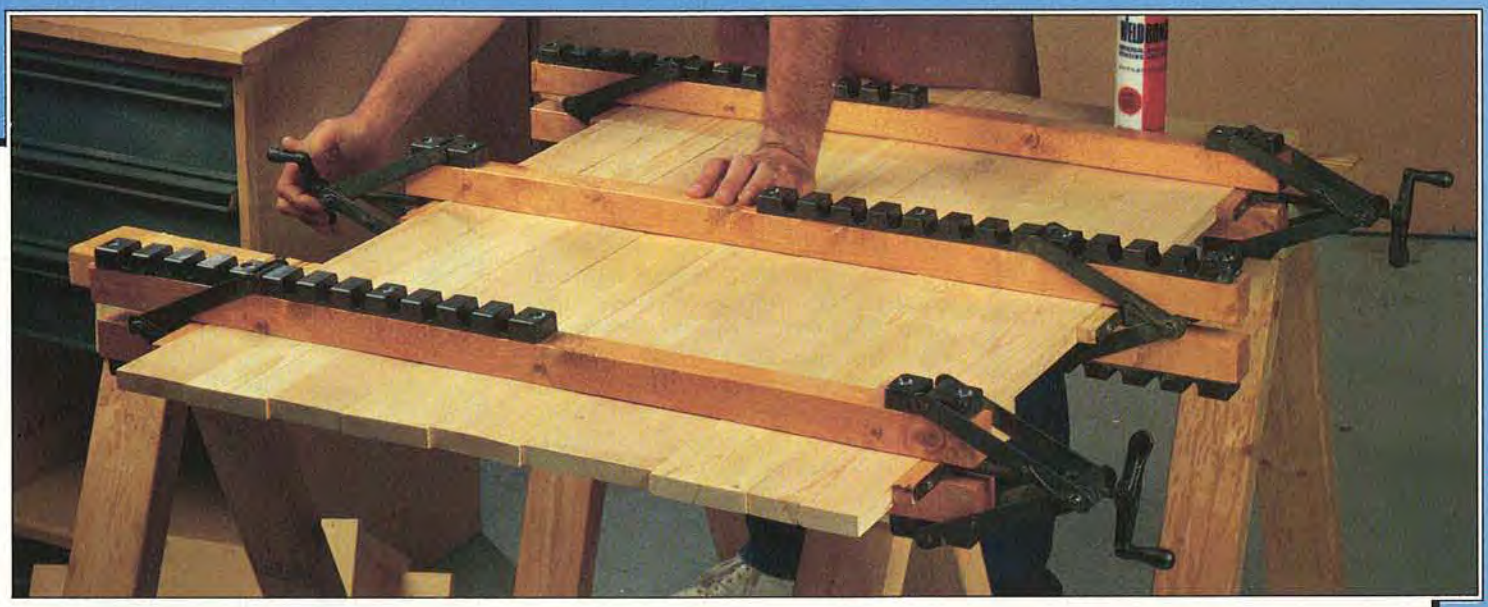
How can Stanley improve on its tried-and-true Professional Combination Square? By adding a solid-brass adjusting knob and scriber knob. The 12″ version lists for $19.49 (you can also buy a 16″ version). Stanley Tools, Reader Response Service, Dept. WD, P.O. Box 1146, Bellmore, NY 11710; 203/827-5237.



With a General Tools' Wheel & Circle Cutter, you can cut a hole of any diameter from 1″ to 6″. The high-speed steel cutter works in wood, sheet metal, brass, copper, aluminum, plastic, and composition materials. List price: $17.76. General Tools Mfg. Co., Dept. WD, 80 White St., New York, NY 10013; 212/431-6100.

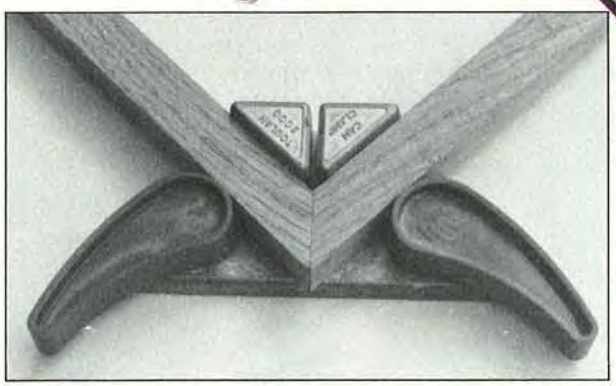


The adjustable cams of the Toulan 2005 Corner Camclamp tightly hold workpieces from ¼″ to 2″ wide at precisely 90°. A set of four clamps sells for $48 ppd. Toulan USA, Dept. WD, P.O. Box 12389, Beaumont, TX 77726; 409/838-1386.



◀ Crafts people from far and wide have made the brand name X-acto synonymous with hobby knives, and with good reason. These knives are indispensable for cutting, carving, and shaping small parts, cutting out patterns, and countless other tasks. The Basic Knife Set shown lists for $16.95. Hunt Manufacturing; 800/879-4868.

▲ With the 4-Way Equi-Pressure Clamp and your own 2×4s, you can glue up large workpieces such as table tops or doors without the boards cupping in the middle. The 2×4s hold the boards flat while the jaws of the clamp squeeze them together. You'll need at least two or three clamps for most glue-ups. You can order individual clamps for $29.99 ppd. from Leichtung, 4944 Commerce Parkway, Dept. P130, Cleveland, OH 44128; 800/542-4467 (product information); 800/321-6840 (to order).



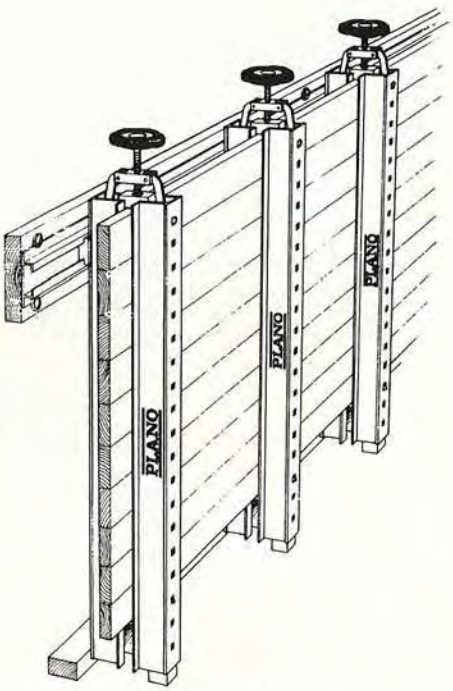
◀ You'll never have to worry about a loose head on your hammer with the Plumb Solid-Steel Hammer. This well-balanced tool has a nonslip cushion grip and is available in weights of 16, 20, 24, and 28 oz. Suggested retail price ranges from $24.69 to $33.59. Plumb Steel Hammer, Dept. WD, P.O. Box 728, Apex, NC 27502.

Hand Tools

If you like the very best, listen up. Because of their special laminated steel, the importer of these Japanese Blue-Steel Chisels calls them the "world's finest chisels." Price: $38.45 to $125.95 per chisel. Japan Woodworker, Dept. WD, 1731 Clement Ave., Alameda, CA 94501; 800/537-7820 or 415/521-1810.

If three stones are truly better than one, then the Tri-Stone Sharpening System is surpassed by none. Three stones (coarse, medium, and fine) are held in place in a simple rotating jig for quick sharpenings. The product comes complete with honing oil and sells for $29.95 plus postage. Woodcraft, Dept. WD, 210 Wood County Industrial Park, P.O. Box 1686, Parkersburg, WV 26102; 800/225-1153 (sales) or 800/535-4486 (technical help).

Most of us aren't able to hold a chisel or plane blade at the correct and consistent angle while sharpening the cutting tool on a stone. That's why General Tools makes a Chisel/Plane Blade Sharpening Kit (list price: $15.40). You simply secure the chisel or plane blade in the holder, then roll the wheeled tool across the stone. It's as easy as that! The device holds blades up to 2⅝" wide at a 30° cutting angle. General Tools Mfg. Co., Dept. WD, 80 White St., New York, NY 10013; 212/431-6100.



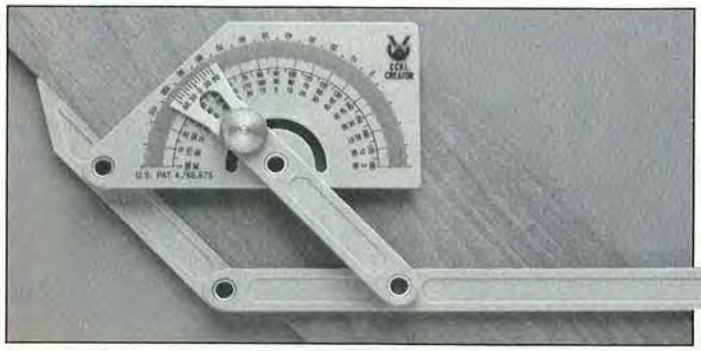
Because the Plano Vertical Glue Press mounts to a wall, this system saves you space while making quick, goof-proof work of edge-to-edge glue-ups. The standard press consists of three 43" clamps and one 39" rail, and sells for $429 (49" clamps also available). Advanced Machinery Imports, Dept. WD, 2 McCullough Drive, P.O. Box 312, New Castle, DE 19720; 800/648-4264 or 302/322-2226.

▼ The Lufkin Ultrasonic Tape won't replace your tape measure, but you can't top it for quickly calculating the area and volume of a room. Simply point the machine at a wall, punch a button, and the tool provides you with a 99 percent accurate reading over its 48-foot measuring range. The machine handles all of the calculations for you in feet or meters. Suggested retail price of $35.10. Lufkin Ultrasonic Tape, Dept. WD, P.O. Box 728, Apex, NC 27502.

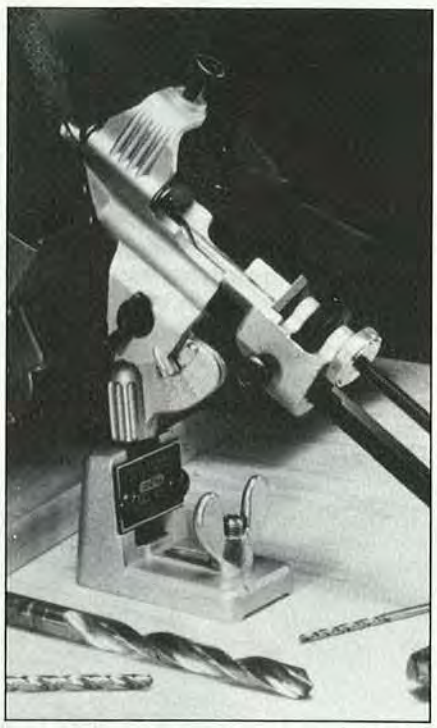
▼ You may not be able to say its name quickly, but the Akafuji Kanna (Fuji at Sunset) Japanese Woodworking Plane gives the type of long, fine shavings that any woodworker can appreciate. Its thick iron puts a stop to chattering. The model shown in use has a hand-forged, laminated blade and sells for $265 (other models cost as little as $35). Japan Woodworker, Dept. WD, 1731 Clement Ave., Alameda, CA 94501; 800/537-7820 or 415/521-1810.

Hand Tools

Talk about versatility in a layout tool! You can measure, mark, or transfer any inside or outside angle with the Anglesetter/Protractor. The high-impact plastic tool has brass hardware and a 6"-long blade ($9.95 ppd.). Micro-Mark, Dept. WD, 340-1077 Snyder Ave., Berkeley Heights, NJ 07922; 800/225-1066 or 908/464-6764.



When you're laying deck boards, bowed lumber can really give you fits. The Lumber Jack helps you deal with this problem quickly and effectively. The tool costs $89.95 ppd., and will close gaps up to 1¼" in just a few seconds. T.C. Manufacturing, Dept. WD, P.O. Box 122, Fredericktown, OH 43019; 800/253-5669.

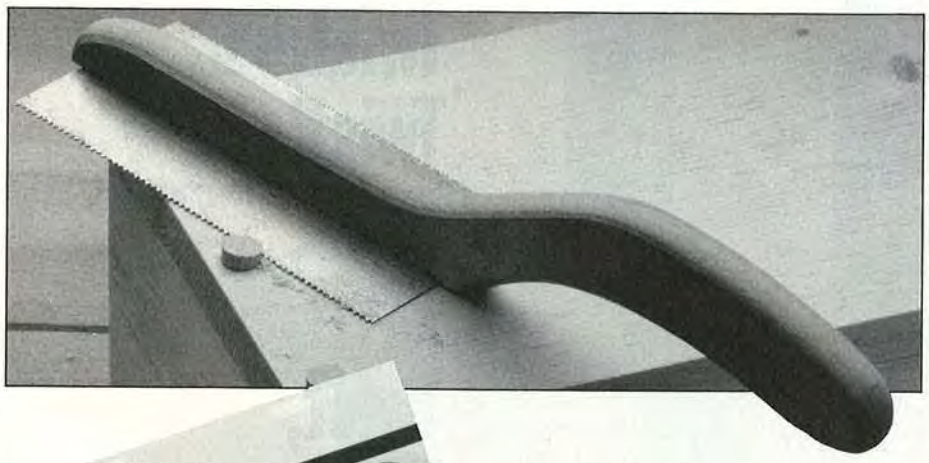


Get extra life out of your twist drills with General Tools' Drill-Grinding Attachment ($22.06 list price). Handles bits from ⅛" to ¾". General Tools Mfg. Co., Dept. WD, 80 White St., New York, NY 10013; 212/431-6100.

If you use a lot of plugs or dowels, you'll appreciate the capabilities of the French Flush Cutting Saw ($14.95 plus postage). The teeth have no set on the bottom side and the blade is bent slightly upward from the frame so the saw doesn't scratch adjacent surfaces. Garrett Wade Company, Dept. WD, 161 Avenue of the Americas, New York, NY 10013-1299.

The tools in this 8-Piece Riffler Rasp Set have coarse-cut teeth that quickly eat through the toughest woods. With a price of $26.50 plus postage, the set is affordable for nearly all carvers, sculptors, and other hobbyists. Woodcraft, Dept. WD, 210 Wood County Industrial Park, P.O. Box 1686, Parkersburg, WV 26102; 800/225-1153 (sales) or 800/535-4486 (technical help).

▲ Unlike any other clamp, you can operate the Quick-Grip Bar Clamp with only one hand, leaving your other hand free to position your workpiece. The clamps have jaw openings from 6" to 36", with list prices from $20.99 to $33.60. You can also buy a kit for corner clamping. American Tool Companies, Customer Service, Dept. WD, P.O. Box 337, DeWitt, NE 68341; 402/683-2315.



▼ Wood graining is catching on again, and here's an inexpensive tool (list: $3.95) to help you out. A faux-grain look appears when you pull and slowly turn UGL's Wood-Graining Tool across a surface covered with stain. United Gilsonite Laboratories, Dept. WD, P.O. Box 70, Scranton, PA 18501; 800/845-5227 or 717/344-1202.

◀ Screwdrivers in the new Claw line have several things going for them not found in other screwdrivers. The handles are color-coded (red for Phillips; yellow for slotted), and triangular for better gripping. And, the tips have ribs to prevent slippage. Suggested retail price: $10.10 for the 4-piece set. Vermont American Tool Co., Dept. WD, P.O. Box 340, Lincolnton, NC 28093-0340; 704/735-7464.

ZAR
Graining Tool
• Simulate Beautiful Wood Grain
• For Furniture, Cabinets, Woodwork
• Make Steel Doors Look Like Real Wood
• Simple Technique
• Works on Wood, Metal, Plastic

That was then.

Twist,
Twist,
Twist,
Twist,
Twist,
Twist,
Twist,
Twist,
Twist,
Twist,

This is now.

Gone are the days of going round and round with old-fashioned screw-type clamps. Now, there's the QUICK-GRIP® Bar Clamp*.

With a QUICK-GRIP Bar Clamp, you can do anything you can do with a regular bar clamp, only faster. And you can do it with only one hand.

Pull the Quick-Release™ trigger with one finger and slide the bar into place. Tighten the clamp with a squeeze of the hand. That's all there is to it. Your other hand is free to hold your project in place.

The QUICK-GRIP Bar Clamp, from the makers of VISE-GRIP® Tools. It will revolutionize the way you work with clamps. See for yourself - wherever quality tools are sold.

*U.S. Patents 4,926,722; 5,005,449. Other U.S. and Foreign Patents and Designs Issued and Pending.

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Power-Tool

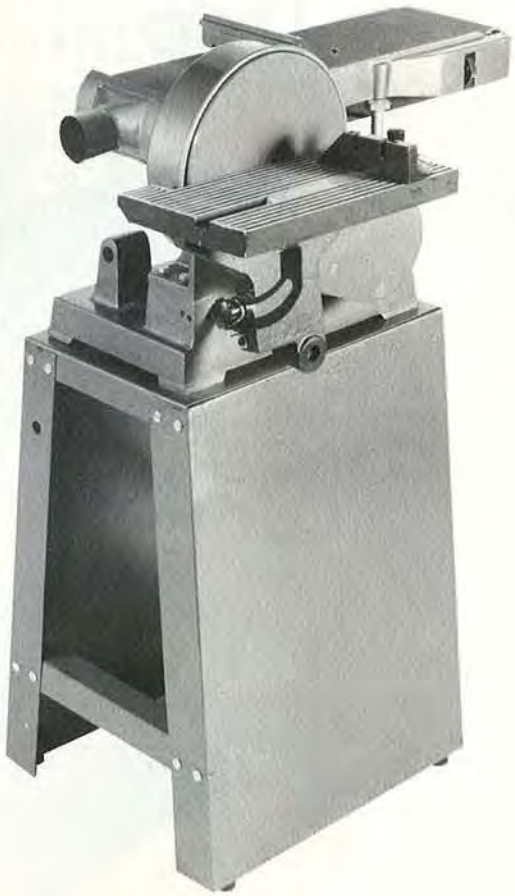
At the heart of every workshop is a collection of stationary power tools—the must-have machines for accurately performing such basic tasks as cutting, sanding, shaping, and drilling. In recent years, manufacturers have refined, modified, or downsized many of these machines to make them more practical for the home woodworker.

Print this article

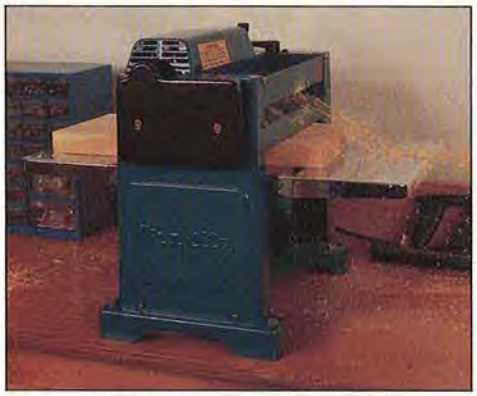
▲ You just can't find another drill press in the price range of the Delta Model 11-090 Radial Drill Press ($399 list) that has a swiveling/tilting head. Because of this feature, you can do angle drilling and horizontal boring with ease. The head also slides forward and backward for various-sized workpieces. Delta, Dept. WD, 246 Alpha Dr., Pittsburgh, PA 15235; 800/438-2486 or 412/963-2400.

► An economically priced belt/disc sander with a port for dust collection hookup? Here's one. The Model S69 has a 9" disc, 6×48" belt, and comes with an assortment of belts and discs—all for $219.95 plus $30 UPS shipping. Penn State Industries, Dept. WD, 2850 Comly Rd., Philadelphia, PA 19154; 800/288-7297 or 215/676-7606.

► Dremel has added variable speed with digital display to its reliable 16" scrollsaw. The new Model 1695 makes between 200 and 2,000 strokes per minute for optimal cutting performance in wood, metals and plastics. Suggested retail price: $250. Dremel, Dept. WD, 4915 21st St., Racine, WI 53406; 414/554-1390.



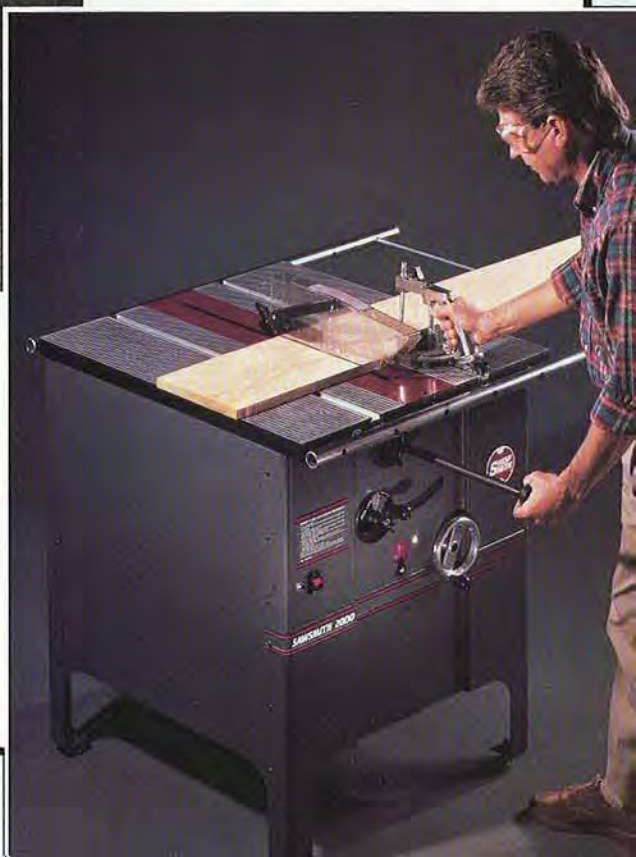
Potpourri



◀ For the ultimate in blade-changing convenience, the Makita Model 2012 12″ Portable Planer has disposable, double-edged blades. With the help of a blade-holding jig, you can quickly change blades without spending a lot of time on fine adjustments. List price: $895. Makita, Dept. WD, 14930 Northam St., La Mirada, CA 90638; 714/522-8088.

▲ The DeVilbiss "Air America" F320 3-hp Air Compressor operates on either a 120- or 240-volt circuit, has a 20-gallon tank, and never requires you to change a belt or add oil. The tools it will power include a nailer, stapler, dusting gun, paintspray gun, sandblaster, drill, and ratchet wrench. Price: $380–$425. DeVilbiss, Dept. WD, 213 Industrial Drive, Jackson, TN 38301; 901/423-7000.

► It's a tablesaw! It's a radial-arm saw! Actually, it's both. The Sawsmith 2000 looks and functions like a tablesaw, but crosscuts with the ease of a radial-arm saw. By pulling a rod on the front panel of the saw, you can pull the blade through the workpiece (with the workpiece held in place by the miter-gauge holddown). You can choose among four models with various fence and table extension combinations, ranging from $999 to $1,499. Shopsmith, Dept. WD, 3931 Image Drive, Dayton, OH 45414-2591; 800/543-7586 or 513/898-6070.



Stationary Power Tools

▲ Hitachi introduces its Model P12R Portable Planer: the most powerful and beefy machine in its class. (About $650.) You also can purchase the planer with a 6″ jointer as the model P12RA *(as shown)* for about $850. Hitachi, Dept. WD, 4487-E Park Dr., Norcross, GA 30093; 404/925-1774.

▼ The new Sears Craftsman 20″ Contractor-Series Variable-Speed Scrollsaw has several features often found only in more expensive machines. Its permanent-magnet motor varies the cutting speed from 300 to 2,000 strokes per minute, and the cast-iron table tilts 34° left and 45° right. The $399.99 scrollsaw includes a heavy-duty leg stand. Visit your local Sears store or call a Sears telecatalog center.

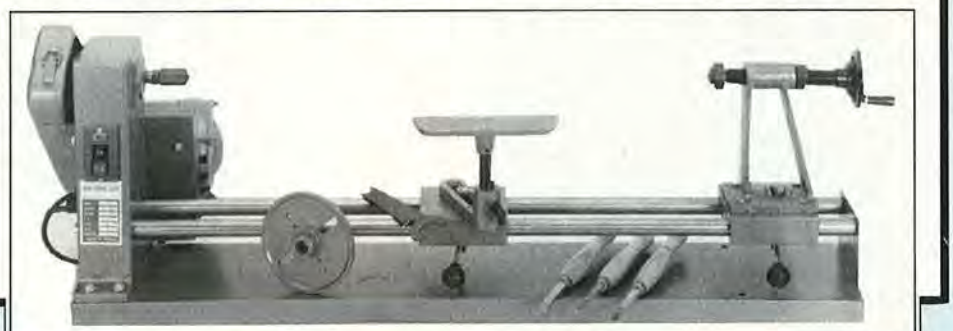
The Delta Model 50-179 Two-Stage Dust Collector traps heavy particles in its main tank before they can pass through the blower, allowing only fine particles through the blower and into its bag. This means less wear and tear on the blower; and little chance of sparks from nails or other metal objects striking the blower. List price: $483. Delta, Dept. WD, 246 Alpha Dr., Pittsburgh, PA 15235; 800/438-2486 or 412/963-2400.

The Ryobi BT3000 10" Precision Woodcutting System brings big-saw accuracy and features to a portable saw that's reasonably priced. Unlike other portable tablesaws, the BT3000 holds a 10" blade, has a 3 9/16" cutting depth, and a sliding-miter table and precision rip fence. The new saw sells for about $600 and also has dust-collection capabilities. An adapter kit accommodates mounting a jigsaw or router to an extension table. Ryobi, Dept. WD, 1424 Pearman Dairy Road, Anderson, SC 29625; 800/323-4615 or 803/226-6511.

The Woodmaster Drum Sander promises the performance of a wide-belt sander at just a fraction of the cost. The variable-feed-rate machine is available in 26" and 38" widths with single or double drums. List price: $2,200 to $3,100 (discounts available). Woodmaster Tools, Dept. WD, 2908 Oak St., Kansas City, MO 64108; 800/821-6651 or 816/756-2195.

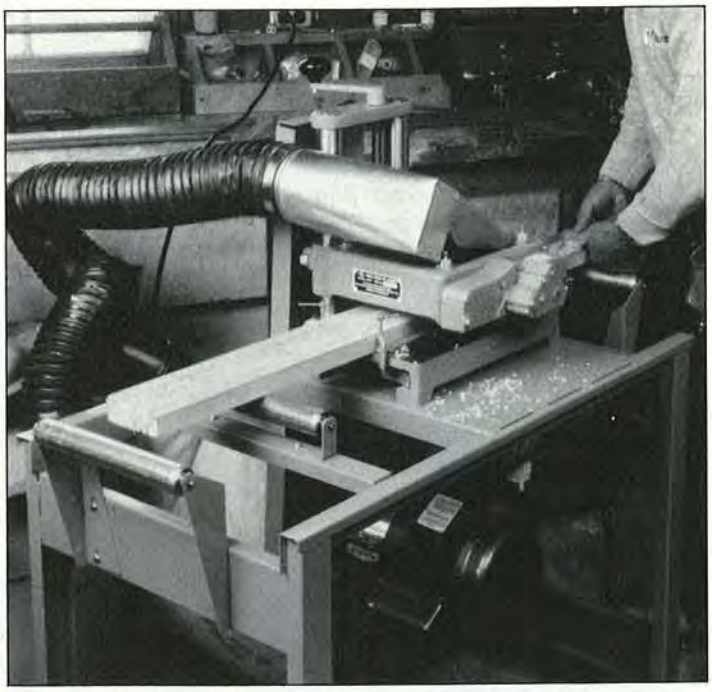
For $355 plus shipping, it's hard to find more tablesaw value than that offered in the Grizzly 10" Model G1022. The saw has a cast-iron table and extension wings, 1½-hp, totally enclosed, fan-cooled motor with belt drive, and comes with a steel stand. Grizzly Imports, Dept. WD, (east of the Mississippi river) 2406 Reach Rd., Williamsport, PA 17701; 800/523-4777 or (west of the Mississippi) P.O. Box 2069, Bellingham, WA 98227; 800/541-5537.

For only $259.95 plus $20 UPS shipping, the XL40-2 Wood Lathe gives you everything you need to start turning. The lathe has a 16" swing and 40" between centers, five speeds, and comes with a 6" faceplate, spur center on headstock, and an eight-piece chisel set. Penn State Industries, Dept. WD, 2850 Comly Rd., Philadelphia, PA 19154; 800/288-7297 or 215/676-7606.



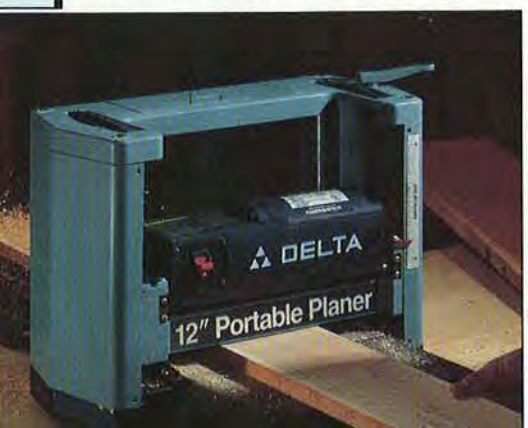
Stationary Power Tools

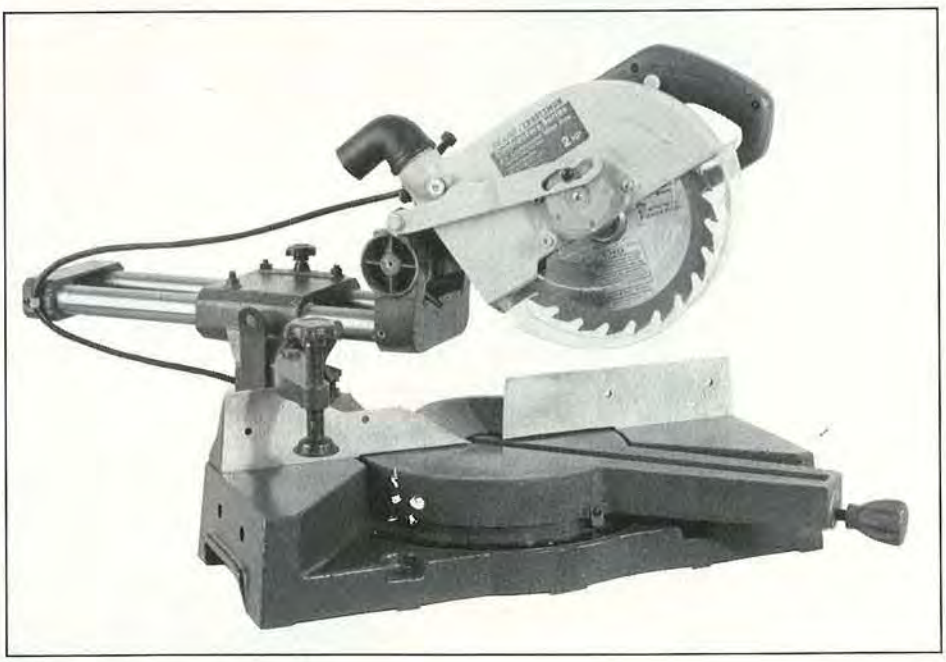
The Jet JCS-10A Tablesaw helps you take on serious cutting tasks thanks to its double V-belt drive, precision T-square-type rip fence, and sturdy construction. The machine lists for $1,124 and comes with a 2-year warranty. Jet, Dept. WD, P.O. Box 1477, Tacoma, WA 98401-1477; 206/383-8705.



Because of its open-end design, the W-7 Molder/Planer can do raised panels and curved moldings. Rock-solid components and construction assure years of reliable service. No wonder it comes with a five-year warranty. List price: $898 for the machine; $1,457 for the machine with 2-hp motor and stand. Williams & Hussey, Dept. WD, P.O. Box 1149, Wilton, NH 03086; 800/258-1380 or 603/654-6828.

Delta has made large, heavy-duty thickness planers for years, and now they've entered the portable-planer market with the Model 22-540 12" Portable Planer (list price: $595). The machine safely handles workpieces from ⅛" to 6" thick, and has a two-knife cutterhead that provides 16,000 cuts per minute. Delta, Dept. WD, 246 Alpha Dr., Pittsburgh, PA 15235; 800/438-2486 or 412/963-2400.





The Robland X31 offers industrial-machine performance in a single, space-saving package. Because the five machines (tablesaw with sliding table, jointer, thickness planer, spindle shaper, and mortiser) are driven by three separate 3-hp motors, you can change functions quickly. The X31 sells for $5,395. (A 90-minute instructional video is available for $6.) Laguna Tools, Dept. WD, 2081 Laguna Canyon Rd., Laguna Beach, CA 92651; 800/234-1976 or 714/494-7006.

If you like to turn small objects, one of these two lathes may be just what you're looking for. The Basic Lathe has a 20"-long bed with 5" swing and sells for $349. The Short Bed Lathe is 7" long, has a 5" swing, and sells for $199. A complete line of accessories is also available. Klein Design Inc., Dept. WD, 6514 115th Pl. SE, Renton, WA 98056; 206/226-5937.

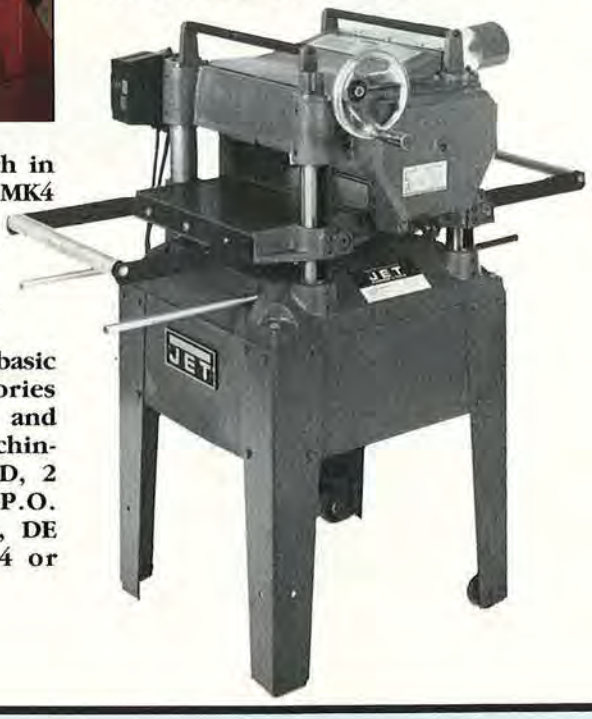
Sliding-compound mitersaws have become big hits with woodworkers because they combine the accuracy of a mitersaw with the cutting capacity of a radial-arm saw. The new Sears Craftsman 8¼" Contractor-Series Sliding-Compound Mitersaw gives you these benefits in one of the most reasonably priced units on the market ($399). The machine crosscuts boards up to 12" wide and 2½" thick, and has settings for crown molding and rafters. Visit your local Sears store or call a Sears telecatalog center.

Because of its water reservoir, the Wen model 2900 Wet Stone Machine cools your tools as it sharpens them. The machine includes a built-in sharpening guide for scissors, knife, and drill-bit sharpening. List price: $99.99. Wen Products, Dept. WD, 5810 Northwest Highway, Chicago, IL 60631; 800/462-3630 or 312/763-6060.

Stationary Power Tools

◀ Delta officials had the home craftsman in mind when they designed the Model 43-505 Benchtop Router/Shaper. The machine accepts ½"- and ¼"-shank router bits, and ½" shaper cutters with an accessory spindle. Because of its speed (12,500 rpm—about half the speed of most routers) the machine works safely with large bits. The unit also features conveniently located height-adjustment and height-locking knobs. Suggested list price: $399. Delta, Dept. WD, 246 Alpha Dr., Pittsburgh, PA 15235; 800/438-2486 or 412/963-2400.

▼ Heavy-duty thickness planing is a cinch with the Jet JWP-15HO Planer. The machine has a 3-hp, 230-volt, single-phase motor that delivers its power via three V-belts. The $1,565 (list price) machine includes a magnetic switch, 4" dust chute, and two-speed gearbox. It's backed by a 2-year warranty and local distributor support. Jet, Dept. WD, P.O. Box 1477, Tacoma, WA 98401-1477; 206/383-8705.

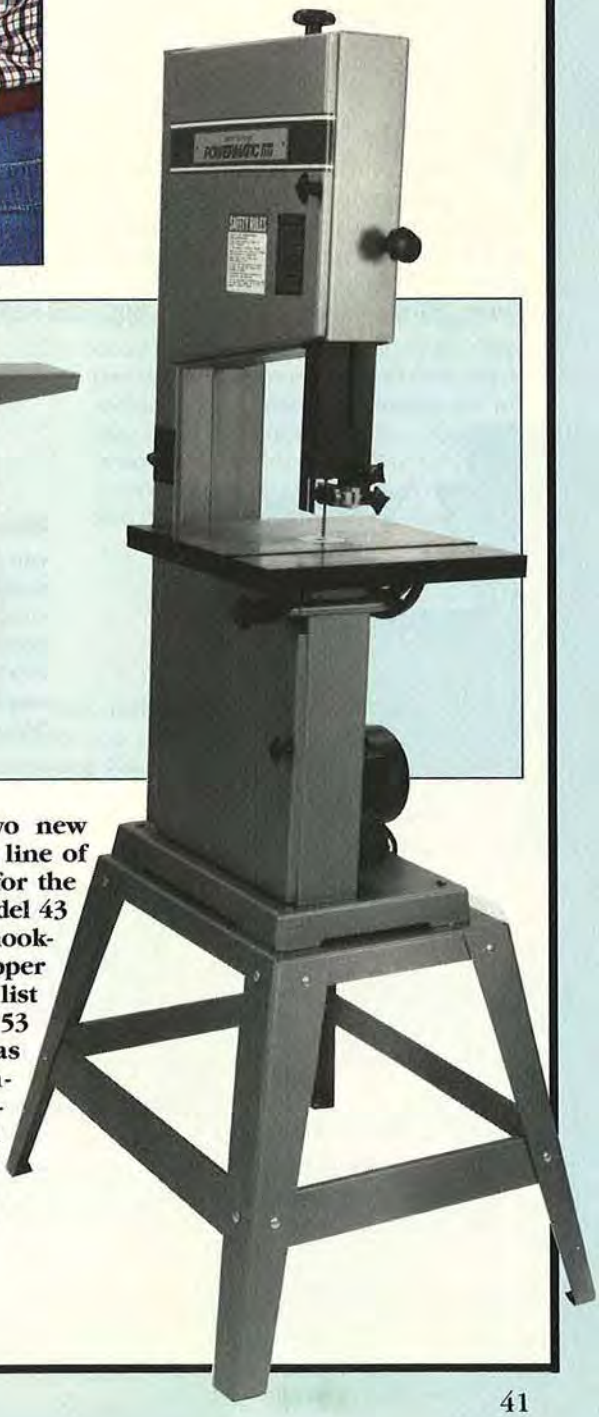


▼ Because it's permanently lubricated, the direct-driven Campbell Hausfeld 3.5-hp Workhorse model WL6007 Compressor needs virtually no maintenance. The Workhorse runs on 120 volts, has a 20-gallon tank, delivers up to 125 psi, comes with a 15′ hose, and sells for about $379. Campbell Hausfeld, Dept. WD, 100 Production Drive, Harrison, OH 45030; 800/634-4793.

▲ Few tools will do as much in as little space as the Accura MK4 Benchtop Workstation by Hegner. The tool includes a two-speed, belt-driven 6" tablesaw, ¼" inverted router, 5" disc sander, and ⅜" horizontal boring head. List price for the basic machine: $1,295. Accessories include a flexible shaft and 14" lathe. Advanced Machinery Imports, Dept. WD, 2 McCullough Drive, P.O. Box 312, New Castle, DE 19720; 800/648-4264 or 302/322-2226.

◀ Although small and portable, the Sears Craftsman 8¼" Compact Radial-arm Saw will make the same types of cuts as larger machines. Its size makes it ideal for small shops and job-site work. Price: $299.99. Visit your local Sears store or call a Sears telecatalog center.

▲ By oscillating up and down as it rotates, the drum of the Clayton Oscillating Spindle Sander (Model No. 140) leaves virtually no sanding burns or grooves. This action also helps the drum clean itself for longer life. Unlike most other oscillating spindle sanders, this machine can be had for less than $1,000. A lot less: about $625 actual price. Clayton Machine Corporation, Dept. WD, P.O. Box 513-W2, Clawson, MI 48017; 313/548-2380.



► Powermatic introduces two new products to its Artisan's Choice line of machines designed and priced for the home woodworker. The 14" Model 43 bandsaw has a dust-collector hookup, ¾-hp motor, industrial upper and lower blade guides, and a list price of $792. The 6" Model 53 jointer lists for $615 and has Powermatic's patented "Controlled Chip" cutterhead for reduced noise level, lower feed force, and reduced potential of kickback. Powermatic, Dept. WD, McMinnville, TN 37110; 800/248-0144 or 615/473-5551.

The Finish

Few product areas in woodworking have seen more changes in recent years than finishing supplies. Today's coatings are friendlier to you and the environment, protect better than ever, and promise greater convenience than yesterday's finishes. Come along and see what we mean.

Print this article

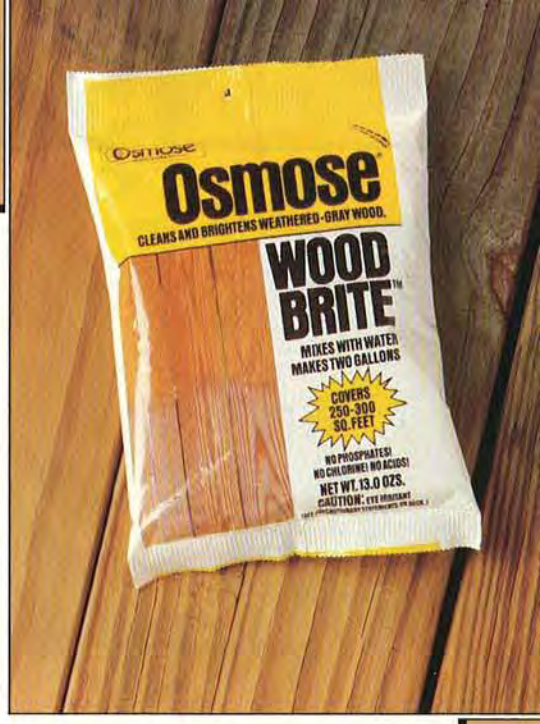
High-volume, low-pressure spray systems have gained steadily in popularity in recent years because they waste less finish and create less pollution. Now, Wagner's FineCoat Low Overspray Finishing System brings this technology down to affordable levels (retail price $179–$209). Wagner Spray Tech, Dept. WD, 1770 Fernbrook Lane, Minneapolis, MN 55447; 800/328-8251 or 612/553-7000.

Carver Tripp has two new products in its Safe & Simple line of water-based finishing products. First, a sanding sealer ($8.99 list for a quart) that you can use under almost any topcoat including varnish, polyurethane, and paints. Also, the company now has a water-based Danish Finish ($5.49 list for 12 oz.) for a hand-rubbed look that's easily repairable. Parks/Carver Tripp, Dept. WD, P.O. Box 5, Somerset, MA 02726; 800/225-8543 or 508/679-5938.

Are you looking for the toughest, most weather-resistant finish available? Lots of boatbuilders use West System 1000 Polyurethane Varnish because there's no better way to protect a surface from natural elements. Like an epoxy, the product comes in a two-part kit consisting of 1 quart of varnish and 1 pint of hardener ($57.80 list). Requires multiple coats to be effective. Gougeon Brothers, Dept. WD, 100 Patterson Ave., Bay City, MI 48707; 517/684-7286.

Line

How long will Zip-Guard Urethane Wood Finish protect your project? That depends on how you treat your workpiece, but Zip-Guard's manufacturer warrants the product not to chip, crack, craze, or peel for 4 years. Star Bronze Co., Dept. WD, 803 South Mahoning, Alliance, OH 44601; 800/321-9870.


Osmose
CLEANS AND BRIGHTENS WEATHERED-GRAY WOOD.
WOOD BRITE
MIXES WITH WATER MAKES TWO GALLONS
COVERS 250-300 SQ. FEET
NO PHOSPHATES! NO CHLORINE! NO ACIDS!
NET WT. 13.0 OZS.

Your gray, weathered deck can look like new with an application of Osmose WoodBrite Deck Cleaner. A packet lists for $8.59 and mixes with 2 gallons of water to cover 250–300 square feet. The product removes ground-in dirt, mildew, and algae, contains no acids, and is biodegradable. Osmose Wood Preserving, Dept. CP, P.O. Drawer O, Griffin, GA 30224; 800/522-9663 or 404/228-8434.

For authenticity and convenience, few products top the Original Old World Crackle Refinishing Kit. You can choose among three antique colors: beige, rust, and gray. The finish goes on in three steps, and cleans up with water. The kit sells for $23.95 ppd. and covers approximately 15 square feet. Paint Strokes, Dept. WD, 3519 Civic Center Drive, N. Las Vegas, NV 89030; 800/468-3779.

Finishing Products

Because it's water-based, Krylon's Clean 'n Safe Acrylic Enamel spray paint cleans up easily with water within 20 minutes of applying it. The paint, available in 10 colors in 12 oz. cans, lists for $4.75. Krylon, Dept. WD, 6830 Cochran Rd., Solon, OH 44139; 800/832-2541 or 216/498-2300.

In response to consumer demand, Thompson's has added five new colors to its line of waterproofing exterior stains: Natural Redwood, Bisque, and Rock Beige (semitransparent), and two solid stain colors (Chamois and Bisque). One- and five-gallon containers retail for $14.99 and $64, respectively. Call 800/367-6297.

Make no bones about it. Breathing the fumes of solvent-based finishes can be harmful to your health. The Series 300 Comfort-Air Respirator with 7-in-1 Cartridge will protect you from paint, lacquer, enamel, and other mists, as well as dusts, fumes, radon, organic vapors, and pesticides. About $25–$30. U.S. Safety, Dept. WD, 8101 Lenexa Drive, Lenexa, KS 66215; 913/599-5555.

A nonflammable, nonpolluting paintbrush cleaner that doesn't evaporate? You bet! Savogran's CleanSafer is user-friendly because it contains no harsh solvents and removes both oil-based and latex paints. Suggested retail price: $6.56 per pint. Savogran, Dept. WD, P.O. Box 130, Norwood, MA 02062; 800/225-9872.

Dad's Easy Spray Paint, Stain, & Varnish Remover has a trigger spray attachment for added convenience. And, it's nonflammable and washes off with water. Postage-paid prices: $11 per quart and $28 per gallon from Sansher Corporation, Dept. WD, 8005 N. Clinton St., Fort Wayne, IN 46825; 219/484-2000.

Before today's man-made finishes came along, craftsmen relied on shellac to enhance and protect their wood projects. Today, William Zinsser & Co. still offers this time-honored finish in the form of Bulls Eye Shellac Sealer & Finish. You can choose between a traditional amber-colored product and a non-yellowing clear formula (list price: $25 per gallon). William Zinsser & Co., Dept. WD, 39 Belmont Dr., Somerset, NJ 08875; 908/469-8100.

► As easily as signing your name, you can paint fine or thick lines on your projects with an Autographics Pen. The pen dispenses a fast-dry lacquer in a wide range of glossy and metallic primary shades plus gold and silver metallics and fluorescent orange. Each pen contains ⅓ oz. and sells for about $5.75. Plasti-Kote, Dept. WD, P.O. Box 708, Medina, OH 44258; 800/431-5928 or 216/725-4511.

► You know how hard it is to remove stains, paints, and other finishes from your hands. By applying a small amount of PR88 on your hands before beginning your work, you can protect your skin from these substances as well as many solvents. After you're done, just rinse your hands clean. A liter of the product ($28 ppd.) will last through about 600 applications. Tech Rep & Associates, Dept. WD, P.O. Box 12389, Beaumont, TX 77726; 409/838-1386.

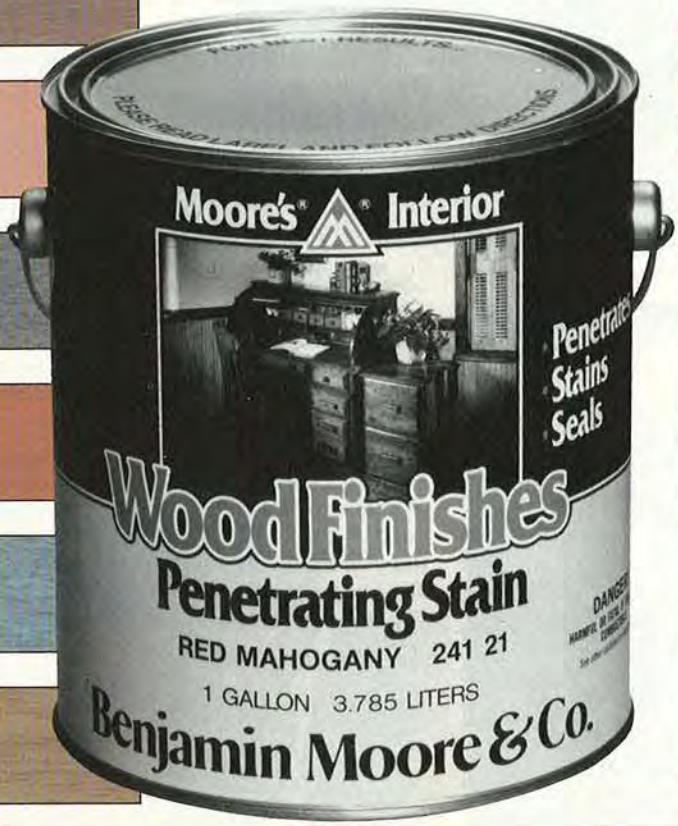
▲ Unlike most other water-based finishes, McCloskey's new Heirloom finishes go on clear rather than milky. The line includes sanding sealer, acrylic finish, polyurethane finish, and wood stain in 12 colors, including two bases for producing more than 20 designer tints. Suggested list prices for gallon containers: sanding sealer, $23.69; acrylic finish, $37.99; polyurethane finish, $44.99; and stain, $25.79. McCloskey; 800/767-2532.

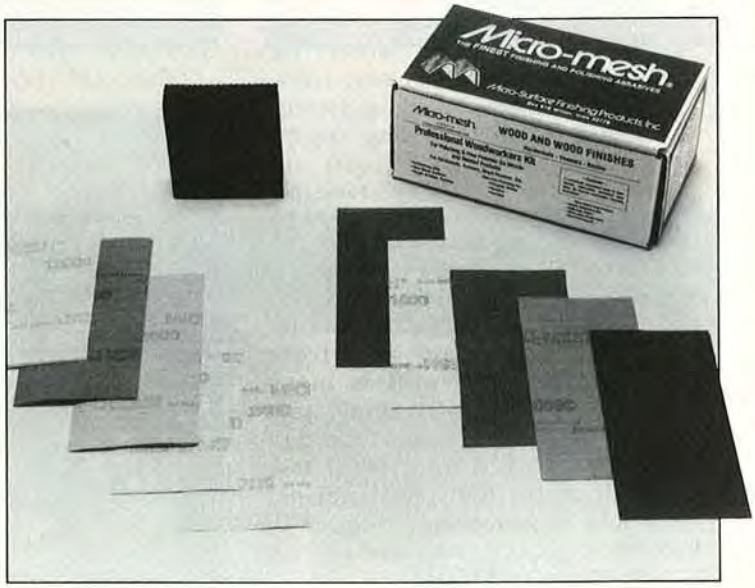
Finishing Products

Hydrocote Clear Polyshield has the same benefits as other water-based finishes (it's nontoxic, dries quickly, and cleans up with soap and water), but boasts additional benefits. The premium-quality, non-yellowing finish is appropriate for exterior use and also contains UV stabilizers. Price: $20.95 per quart. Hydrocote, Dept. WD, P.O. Box 160, Tennent, NJ 07763; 800/229-4937 or 908/257-4344.

Fleck Stone offers you the look of granite, the feel of stone, and the ease of spray paint. The two-unit kit contains aerosol basecoat in 12 colors plus a clear protective finish. List price: $13.85 for 12 oz. of basecoat and 6 oz. of clear finish. Plasti-Kote, Dept. WD, P.O. Box 708, Medina, OH 44258; 800/431-5928 or 216/725-4511.

In keeping with today's design schemes, Benjamin Moore's line of Interior Wood Finishes has expanded with 11 designer's shades in colors such as Lilac Gray, Nectar Rose, Monet Blue, and Pink Blush (see samples at *left*). Suggested retail: $21.15 per gallon. Benjamin Moore & Co., Dept. WD, 51 Chestnut Ridge Rd., Montvale, NJ 07645; 201/573-9600.





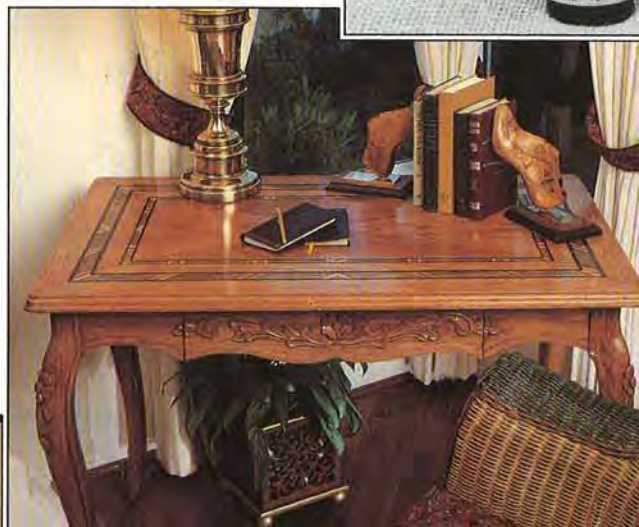
◀ Here's an air-fed spray gun that you can buy for the price of a few good brushes. The Campbell Hausfeld Model DH4200 Spray Gun sells for about $39 and easily handles all finishes from latex paints to quick-drying lacquers. It works with any ¾-or-more-hp compressor. Campbell Hausfeld, Dept. WD, 100 Production Drive, Harrison, OH 45030; 800/634-4793.

▼ Here's a way to remove dried latex paint drips and spatters, glue, caulking, grease, and tape adhesives. Dad's Drip Strip ($5.49 ppd. for 8 oz.) will not affect oil-based finishes. Sansher Corporation, Dept. WD, 8005 N. Clinton St., Fort Wayne, IN 46825; 219/484-2000.

► Duffy's Stain Samplers take the guesswork out of choosing a stain because you can purchase one of six colors for a suggested retail price of only 44 cents. Then, you can test the stain under actual conditions (even mix them). After making up your mind, you can buy the stain in larger quantities. Klean-Strip, Dept. WD, P.O. Box 1879, Memphis, TN 38101.

► If you would like your project to look like an antique, but don't want to wait years for it to happen, Hallmark Home Decor Antiquing Gel can help out. The nontoxic, water-based product does not drip or run, and lists for $6.98 per pint. Delta Technical Coatings, Dept. WD, 2550 Pellissier Place, Whittier, CA 90601; 800/423-4135; 800/553-8940 (in Calif.) or 213/686-0678.

◀ Micro-mesh abrasives have long been used by airlines to restore and polish airplane windows to optical clarity. Now, these products can do the same thing for the finishes on your woodworking projects. The Micro-mesh Professional Woodworkers Kit ($38.50 ppd.) contains two pieces of abrasive in each of nine grades ranging from 1,500 to 12,000 grit. The product outlasts conventional abrasives by 8 to 15 times. Micro-Surface Finishing Products, Dept. WD, P.O. Box 818, Wilton, IA 52778; 319/732-3240.

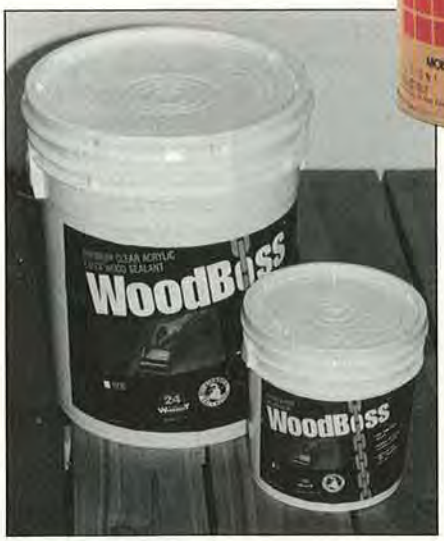


Finishing Products

With Minwax Pastels Wood Stain, you no longer have to mix stains or water down paints to get the pastel colors you need. (Price: $9.99 suggested retail per quart.) Minwax, Tips on Wood Finishing, Dept. WD, P.O. Box 426, Little Falls, NJ 07424; 201/307-4800.

Because it contains Teflon, Rust-Oleum's Wood Saver stands up to the elements like no other paint. Available in quantities up to 1 gallon and in aerosol cans (suggested retail price of $3.99–$4.29 for spray cans). Rust-Oleum, Dept. WD, 11 Hawthorn Parkway, Vernon Hills, IL 60061; 800/323-3584.

Applying a new finish to a previously finished surface can result in tiny pits known as "fish eyes," even if you've thoroughly stripped and sanded the surface. What happened? The surface is still contaminated with silicones left behind by polish that was used on the piece months or years ago. To prevent "fish eye," you need only add a drop of Fish Eye Destroyer to your varnish or lacquer before you apply it. One ounce goes a long way and costs $5.95 ppd. Constantine's, Dept. WD, 2054P Eastchester Rd., Bronx, NY 10461; 800/223-8087 or 212/792-1600.



For exterior surfaces such as fencing, siding, and decks, the folks at BossWorks offer WoodBoss Clear Acrylic Latex Wood Sealant, a product that provides weather protection and a 2-year warranty. The water-based finish is friendly to both you and the environment. About $15–$18 for a 1-gallon pail. BossWorks, Dept. WD, 889 Valley Dr., Shakopee, MN 55379; 612/496-4297.

If you want to get serious about stripping furniture, the Minuteman Mini-Flo Furniture Stripping System gives you professional results at a price ($1,495) below many recirculating flow-on stripping systems. Minuteman, Dept. WD, 115 N. Monroe St., P.O. Box 8, Waterloo, WI 53594; 800/733-1776 or 414/478-2001.

There's no quicker way to a crackled finish than with Cracklin' Finish, an aerosol kit consisting of a 12 oz. can of basecoat and 12 oz. of topcoat. The product lists for $12.95 and comes in six color combinations. Plasti-Kote, Dept. WD, P.O. Box 708, Medina, OH 44258; 800/431-5928 or 216/725-4511.

With Hallmark Home Decor Pickling Gel, you can conveniently add a pickled look to your projects in six transparent pastels and one neutral color. List price: $6.98 per pint (other sizes available). Delta Technical Coatings, Dept. WD, 2550 Pellissier Place, Whittier, CA 90601; 800/423-4135; 800/553-8940 (in Calif.) or 213/686-0678.

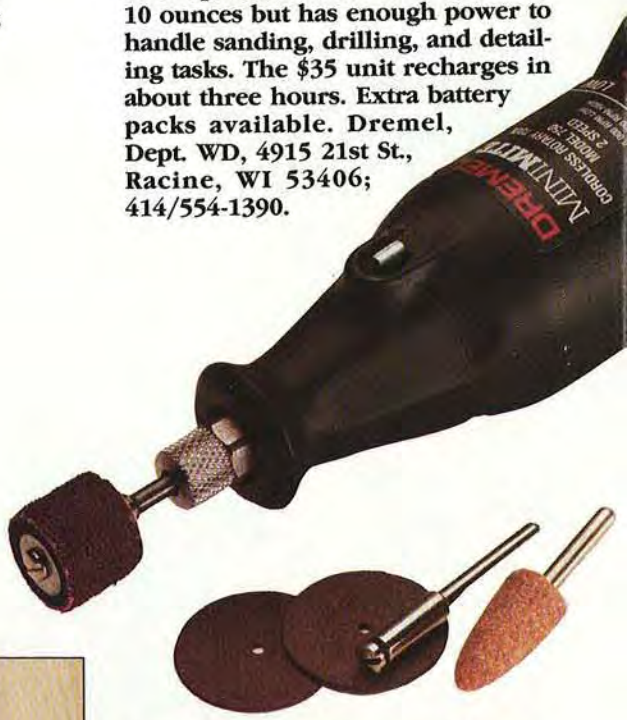
Water-based finishes speed you along because of their fast drying times. Now, Hydrocote One-Step Finish (suggested retail: $11.06 per quart) makes water-based finishing even faster. The product combines a wood stain (available in six tones) with a polyurethane finish. Hydrocote, Dept. WD, P.O. Box 160, Tennent, NJ 07763; 800/229-4937 or 908/257-4344.

Power You Can

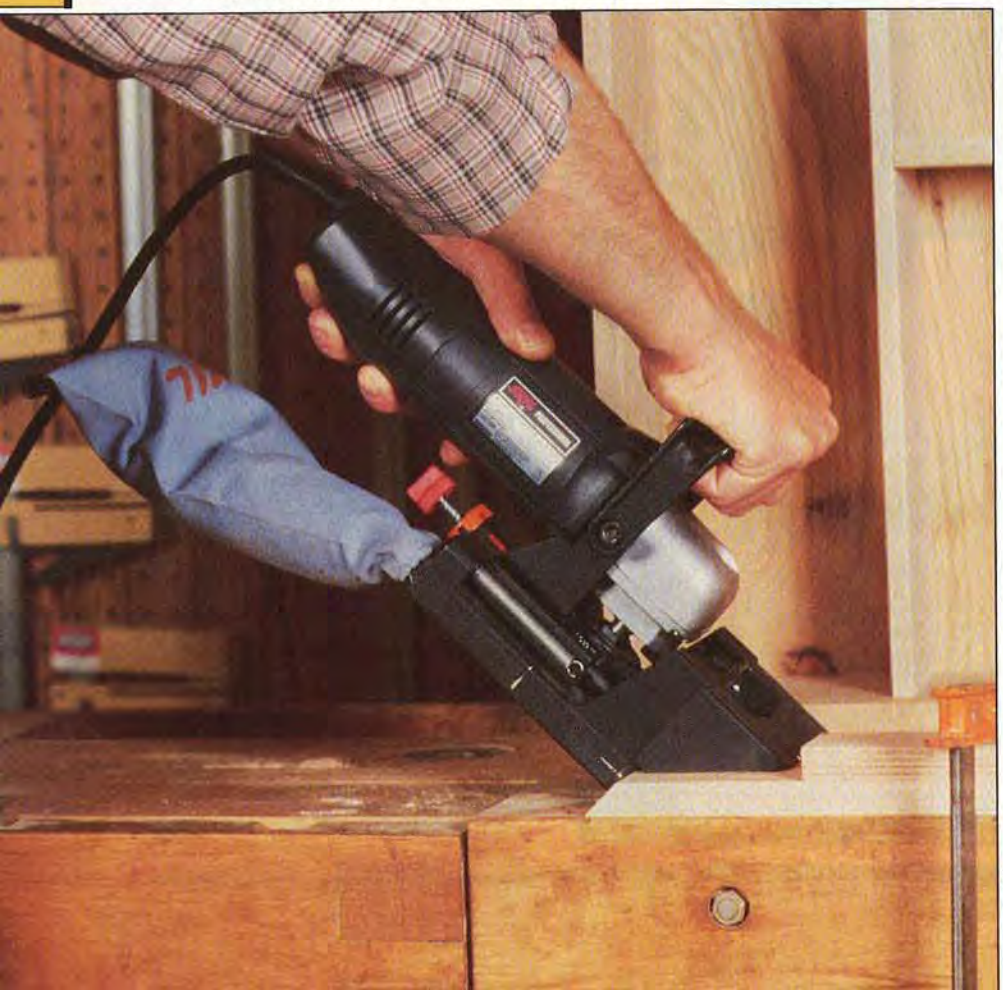
What's new in portable power tools? Everything! Manufacturers continue to add features formerly reserved for top-of-the-line industrial tools to their consumer-priced tools. And, more and more of these machines have such niceties as electronic speed control, dust collection, cordless capability, and other innovations.

Print this article

The Dremel MiniMite Model 750 compact cordless rotary tool lives up to its name—it weighs only 10 ounces but has enough power to handle sanding, drilling, and detailing tasks. The $35 unit recharges in about three hours. Extra battery packs available. Dremel, Dept. WD, 4915 21st St., Racine, WI 53406; 414/554-1390.



A lot of us would like to try plate joining, but balk at the price of most plate joiners. The Skil Model 1605:02 sells for under $200, but offers features such as a three-position depth stop, 12-tooth carbide blade, dust bag, plate-joining guidebook, supply of biscuits, and carrying case. Skil, Dept. WD, 4300 West Peterson Ave., Chicago, IL 60646; 312/286-7330.



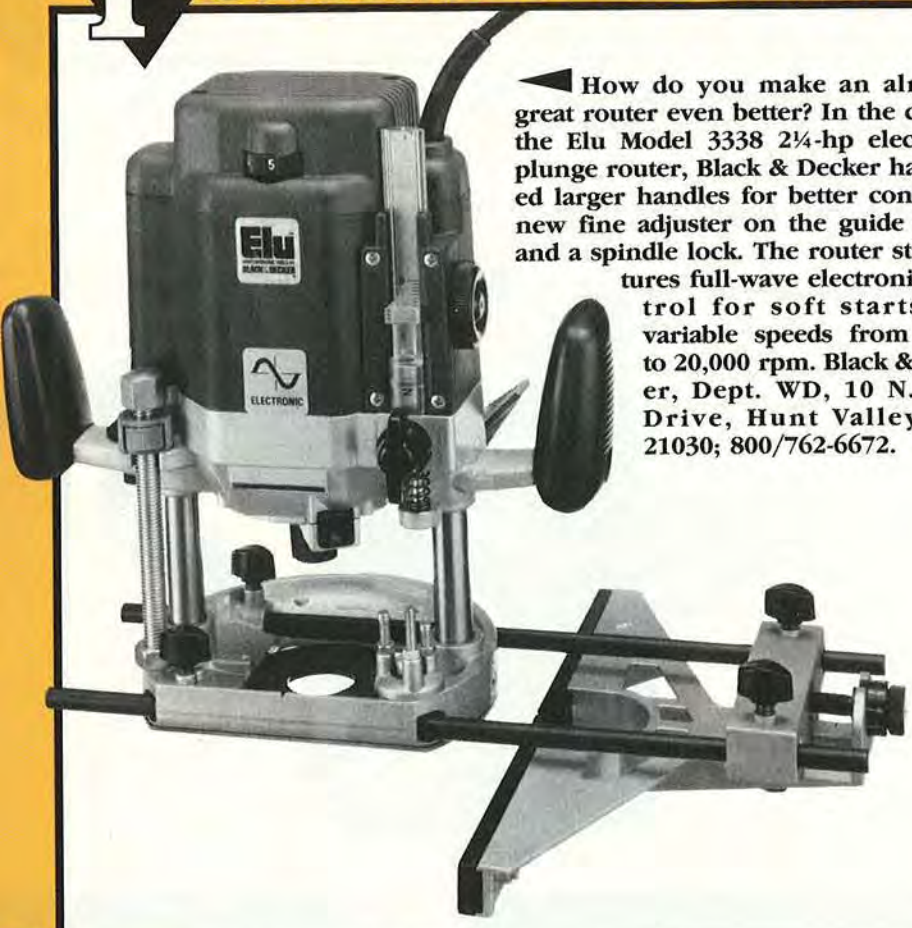
If you're looking at chainsaws, but don't need a heavy-duty lumberjack model, listen up. Safety features, noise reduction, solid-state ignition, and the power of a 2.0-cubic-inch gas engine are just some of the highlights of the economically priced ($209.99 list) Homelite Model 200 chainsaw. You can order the unit with 10", 12", 14", or 16" guide bars. Homelite, Dept. WD, 14401 Carowinds Blvd., P.O. Box 7047, Charlotte, NC 28273; 800/242-4672 or 704/588-3200.

Hold Onto

► It used to be that dual-action (rotation and eccentric orbit) sanders were available only in air-driven models. Enter the Bosch Model 3283DVS 5" Random-Orbit Sander/Polisher. It runs on electric current, and it also has through-the-pad dust collection and hook-and-loop material on its pad for quick abrasive changes. List price: $169. See your Yellow Pages for the location of your nearest Bosch dealer.

► With the Black & Decker Model 2033 Deckgun electric screwdriver you can affordably take advantage of what professional builders have known for years: nothing holds like a screw, especially when you're working with pressure-treated lumber and drywall. The tool sells for less than $100 and delivers 115 inch-pounds of torque. Black & Decker, Dept. WD, 10 N. Park Dr., P.O. Box 798, Hunt Valley, MD 21030; 800/762-6672 or 301/527-7000.

Portable Power Tools



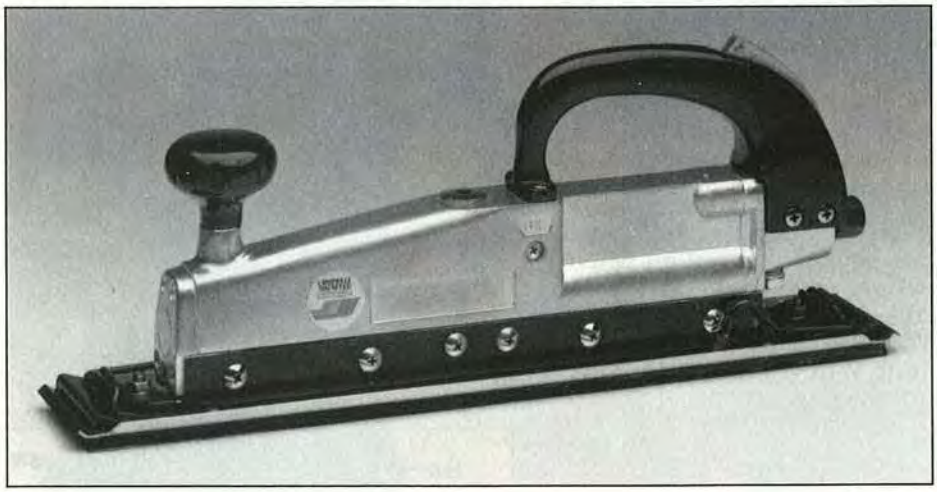
◀ How do you make an already-great router even better? In the case of the Elu Model 3338 2¼-hp electronic plunge router, Black & Decker has added larger handles for better control, a new fine adjuster on the guide fence, and a spindle lock. The router still features full-wave electronic control for soft starts and variable speeds from 8,000 to 20,000 rpm. Black & Decker, Dept. WD, 10 N. Park Drive, Hunt Valley, MD 21030; 800/762-6672.

▼ If you go through a lot of brads in your work, here's a tool that will save you loads of time. The Model C3030 pneumatic nailer weighs only 2.6 pounds, and holds 100 $\frac{3}{8}$" to 1$\frac{13}{16}$" 18-gauge brad nails. The tool sells for $99.95 plus shipping. Cascade Tools Inc., Dept. WD, P.O. Box 3110, Bellingham, WA 98227; 800/235-0272 or 206/647-1059.

▲ The Metabo Model AD500VS electric angle drill is indispensable for any tight-quarters work. If you turn a lot of bowls, you'll find it helpful for smoothing inside walls. The AD500VS (list price: $278) weighs only 4 pounds, yet has a 5.2-amp motor. Metabo, Dept. WD, 1231 Wilson Drive, P.O. Box 2287, West Chester, PA 19380; 215/436-5900.

▶ It's a shop vacuum! It's a dust collector! Actually, it's a little of both. Like some dust collectors, the Toolmate Shop Cleaner comes with a 12′×4″ hose, and has a two-stage filter system that traps heavier particles in the tank and lighter particles in a cloth bag. Like shop vacuums, the Toolmate is portable and has a 1.25-hp (peak) universal motor. List price: $369.95. Shop-Vac Corporation, Dept. WD, 2323 Reach Road, P.O. Box 3307, Williamsport, PA 17701; 717/326-3557.

▼ Few sanding machines help you true large surfaces with greater control and better results than an air-powered straightline sander. Like hand sanding, the straight back-and-forth motion of the machine does not leave tattletale scratches. The Campbell Hausfeld Model TL1016 sells for about $65 and requires a compressor of at least 3 hp. Campbell Hausfeld, Dept. WD, 100 Production Drive, Harrison, OH 45030; 800/634-4793.

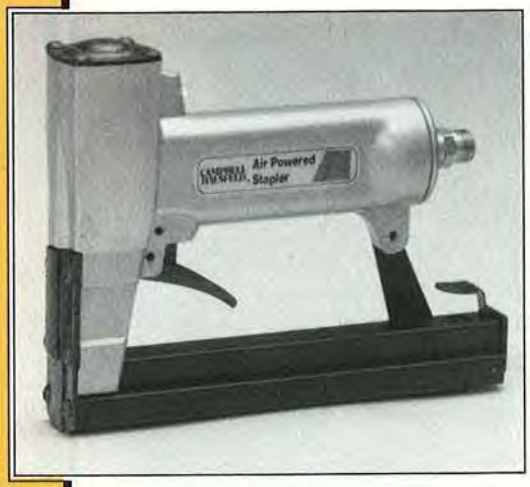


▲ Ryobi's new random-orbit sander has a removable front grip for maneuverability in tight areas and a plastic dust compartment for unobstructed work and easy dust disposal. Accessories help you polish furniture and automobiles to a high gloss. Price: about $80. Ryobi, Dept. WD, 1424 Pearman Dairy Road, Anderson, SC 29625; 800/323-4615 or 803/226-6511.

▲ Traditionally, installing drywall with an electric screwdriver has been a noisy job—one that deserves ear protection. Now, Hitachi has come out with an electric screwdriver with a unique air-flow design that reduces noise (it still makes sense to wear ear protection, even with this product). The full-featured Model W6V2 has a list price of $145. Hitachi, Dept. WD, 4487-E Park Drive, Norcross, GA 30093; 404/925-1774.

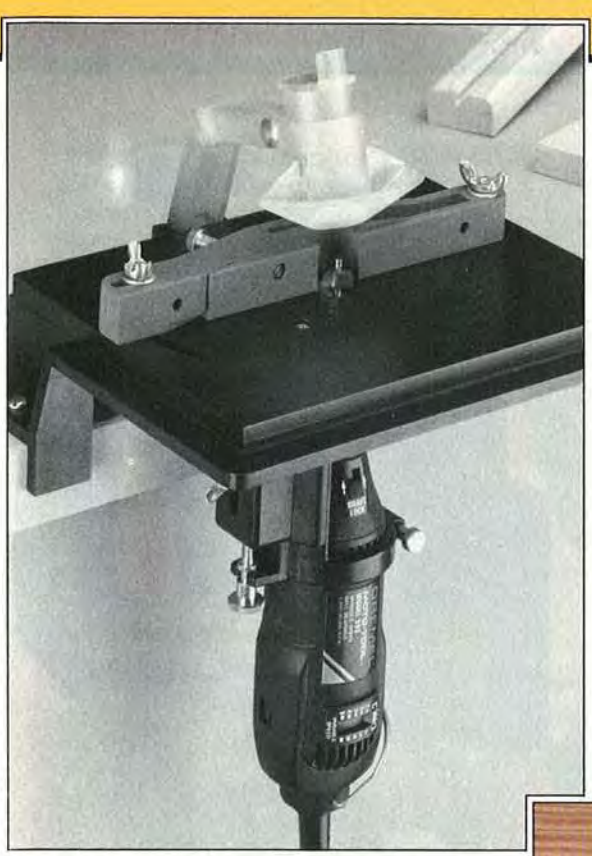
Portable Power Tools

► Black & Decker's new Cyclone cordless driver/drill has a unique clutching system that helps you drive small screws without stripping their heads, and also helps you drive screws through inconsistent materials such as wood with knots. The patented "Versa-Clutch" design has thrust bearings that increase torque when you apply additional forward pressure to the drill. After using the drill for a short time, you develop a finesse for driving screws that's not possible with other models. Also, the tool has separate controls for clutch setting and switching from driving to drilling modes. So, you don't lose your clutch setting when you switch to drilling. Price range: $169–$189. Black & Decker, Dept. WD, 10 N. Park Dr., P.O. Box 798, Hunt Valley, MD 21030; 800/762-6672 or 301/527-7000.



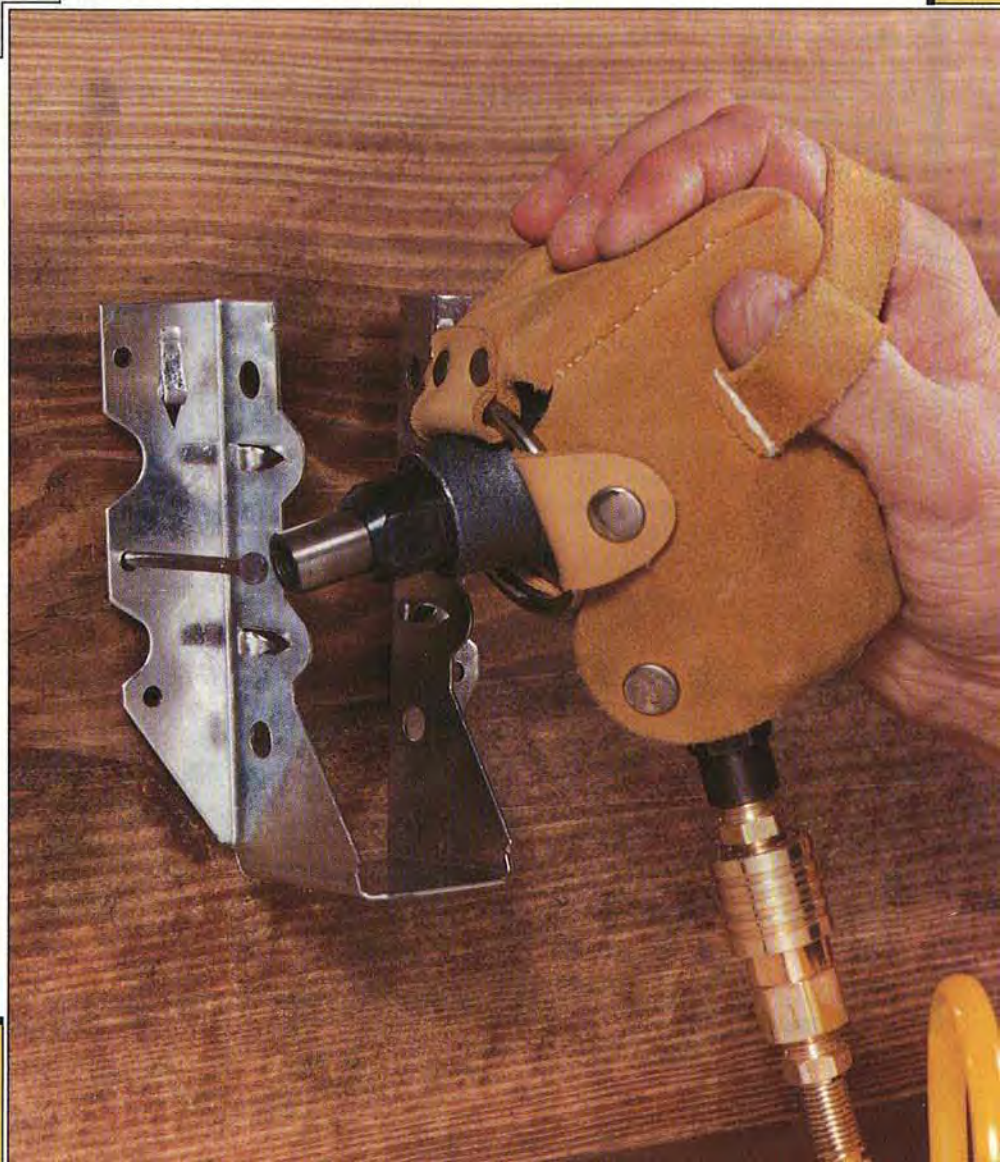
◄ For tasks as varied as assembling craft items, reupholstering furniture, and installing insulation, an air stapler is just the tool you need. The Campbell Hausfeld Model TL1012 sells for about $59 and includes 200 ¼" staples and 200 ½" staples. It operates with any ½-hp-or-larger air compressor. Campbell Hausfeld, Dept. WD, 100 Production Drive, Harrison, OH 45030; 800/634-4793.

► Although similar in function to a palm sander, a ½-sheet finish sander helps you work faster because of its larger sanding pad. The Metabo Model SR 282 (list price: $202) has a dust-collection system that removes up to 90 percent of the sawdust particles. Metabo, Dept. WD, 1231 Wilson Drive, P.O. Box 2287, West Chester, PA 19380; 215/436-5900.



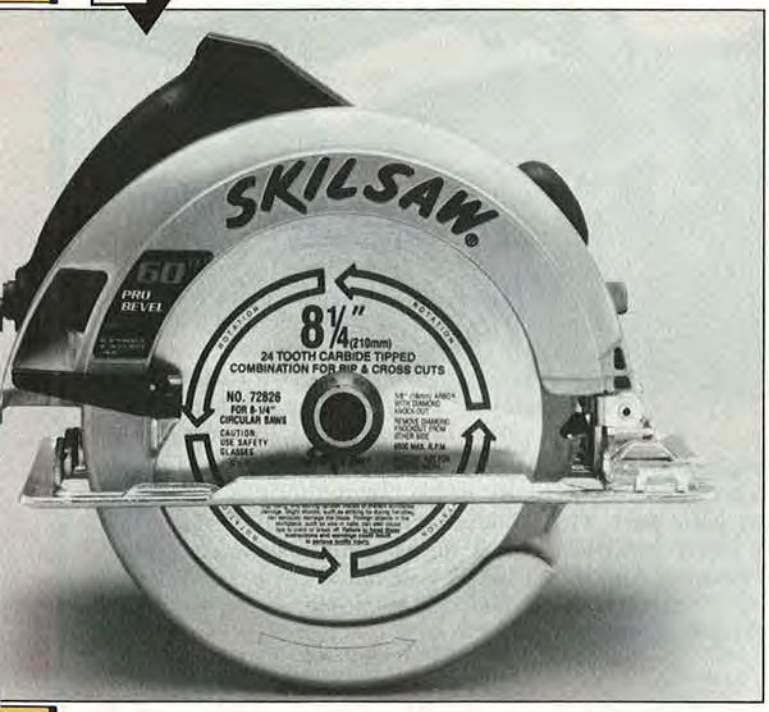
▲ If you already own a Dremel Moto-Tool, here's a new accessory that will increase its usefulness. The Model 231 Shaper/Router Table quickly converts the rotary tool into a bench-mounted wood router. You can use all recent Moto-Tools including models 245, 250, 270, 275, 280, 285, 370, 380, 395, and Freewheeler Model 850. List price: $39. Dremel, Dept. WD, 4915 21st St., Racine, WI 53406; 414/554-1390.

▲ Power planers such as the Makita Model 1900BW perform just as well as a hand plane for many tasks, but without a drop of perspiration on your part. This Makita unit has two 3¼"-wide blades that change easily for precise blade adjustment. A unique center V-groove in the front sole plate helps you make easy chamfer cuts. List price: $217. Makita, Dept. WD, 14930 Northam St., La Mirada, CA 90638; 714/522-8088.



► Like a nail gun, the Model LPN672K Air Palm Nailer from Power Tool Specialists helps you quickly and effortlessly drive nails without a hammer. Unlike a nail gun, this air-powered tool works with common nails—not expensive stick or coil nails. All you need do is position the nail, place the air palm nailer over it, and the tool automatically drives the nail. No switch or trigger necessary. Price: about $99. Power Tool Specialists, Dept. WD, 3 Craftsman Road, East Windsor, CT 06088; 800/243-5114 or 203/654-1761.

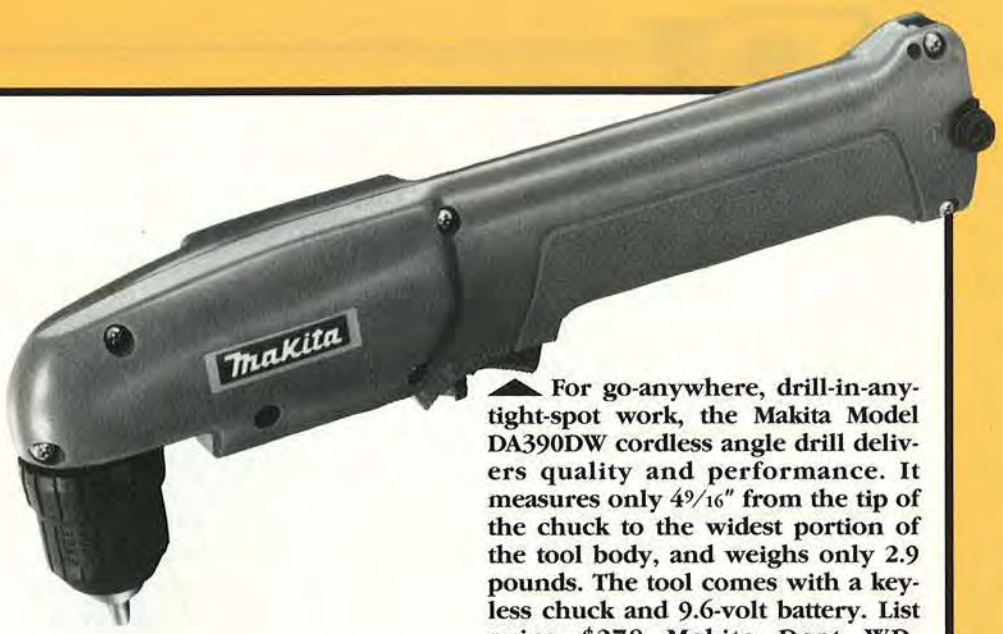
Portable Power Tools



▲ The new Skil Model 5660 portable circular saw has all the features and reliability that craftsmen have come to expect from Skilsaw saws, but now has one feature unique in the marketplace. A Pro Bevel depth bracket allows you to set cuts for up to 60° in one pass—an important feature for many roof-framing applications. Price: about $200. Skil, Dept. WD, 4300 West Peterson Ave., Chicago, IL 60646; 312/286-7330.

▼ AEG Power Tools' high-tech 3×21" Model HBSE 75S portable belt sander features in-line design, variable speed (490 to 1,040 feet per minute), and a state-of-the-art dust-collection system. It comes standard with a set of supports for holding the machine upside down on your bench for stationary sanding. An optional sanding frame greatly aids the trueing and smoothing of large surfaces. List price: $279. AEG Power Tool Corp., Dept. WD, P.O. Box 6003, Three Shaw's Cove, New London, CT 06320-1777; 800/243-0870 or 203/447-4600.

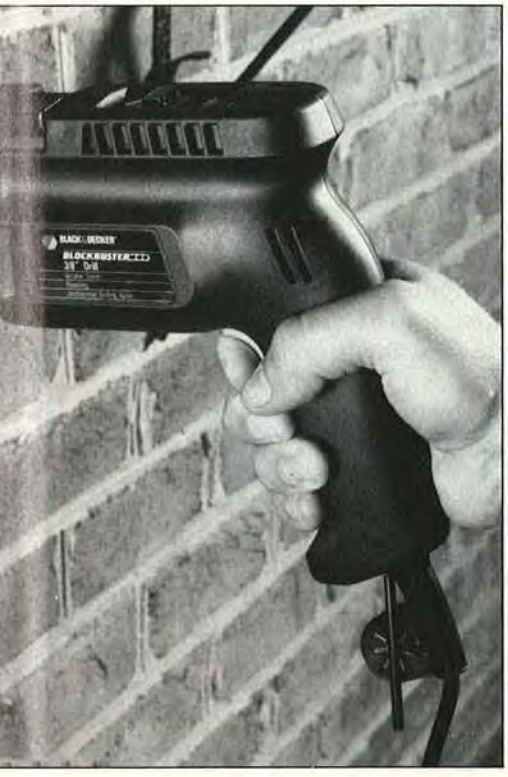
◀ If you're looking for a powerful plunge router at an affordable price, you've come to the right place. The Ryobi RE600 electronic 3-hp plunge router has variable speed and maintains constant speed and torque. Price: about $220. Ryobi, Dept. WD, 1424 Pearman Dairy Road, Anderson, SC 29625; 800/323-4615 or 803/226-6511.

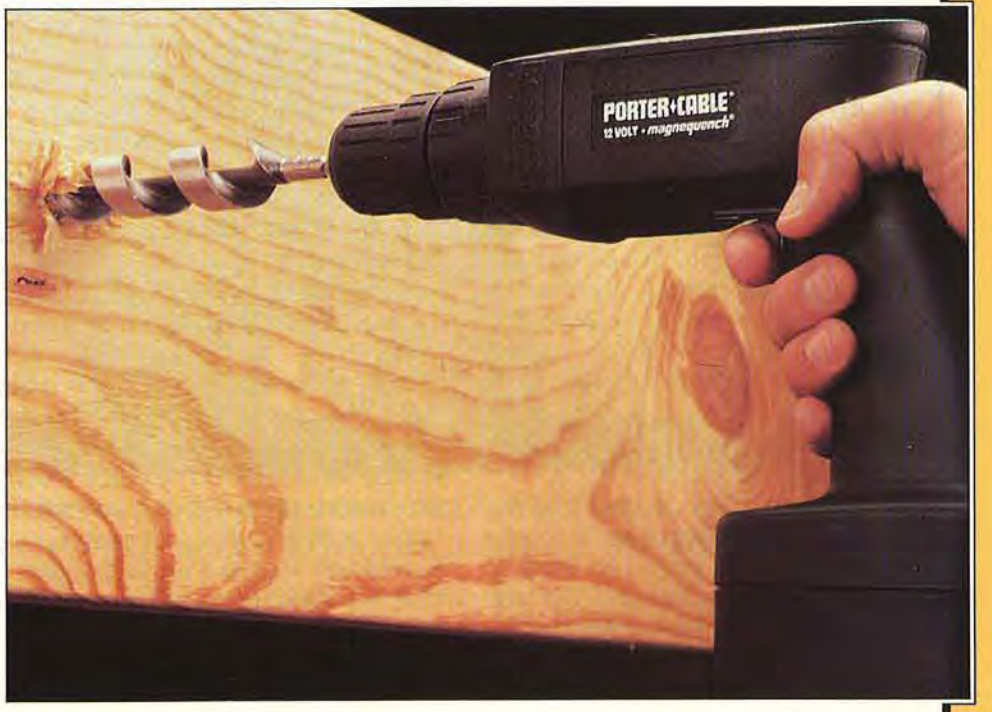


▲ For go-anywhere, drill-in-any-tight-spot work, the Makita Model DA390DW cordless angle drill delivers quality and performance. It measures only 4 9/16" from the tip of the chuck to the widest portion of the tool body, and weighs only 2.9 pounds. The tool comes with a keyless chuck and 9.6-volt battery. List price: $278. Makita, Dept. WD, 14930 Northam St., La Mirada, CA 90638; 714/522-8088.

▼ There's nothing like a hammerdrill for quickly boring into concrete, but up until now these machines have been expensive for the do-it-yourselfer. Black & Decker engineers have changed all of that by designing a model that sells for less than $80. The Model 7197 Blockbuster Hammerdrill adjusts from 0–43,000 beats per minute and 0–2,700 rpm. Black & Decker, Dept. WD, 10 N. Park Dr., P.O. Box 798, Hunt Valley, MD 21030; 800/762-6672 or 301/527-7000.

▼ Porter-Cable's Magnequench cordless drill has always had plenty of muscle thanks to a motor with rare-earth magnets. Now, the company has improved this tool by adding a second, higher speed range (0–1,000 rpm) and a keyless chuck. The model 9853 comes with a metal carrying case ($270 list price). Porter-Cable, Dept. WD, 4825 Highway 45 North, P.O. Box 2468, Jackson, TN 38302; 901/668-8600.





Power Tools

WHAT'S THE DIFFERENCE BETWEEN CONSUMER AND PROFESSIONAL

Print this article

Most people know that tool manufacturers produce more than one line of a product for varying consumer needs. What they may not realize is how these tools differ in their manufacture, and what it is that makes one drill, for example, cost $35 and another "similar" one cost $135. We explain some of the points of difference here.

Design. The professional power tool is designed to be more powerful, last longer, and perform better under continual use than consumer models. For occasional projects, you may prefer a less expensive consumer tool.

Electrical cords. On most consumer tools, the electrical cord is 6′ long or less. With the professional models, 8′ and 10′ cords are the norm. With this length of cord, you don't have to use an extension cord in most situations.

Cord materials vary, too. With tools designed for professionals who may have to work outside, it's important for the cord to remain flexible during cold weather. To protect the tools, natural rubber or high-cost elastomer jackets are used. Less costly cords are sheathed with polyvinyl chloride (PVC) material.

In addition, on the pro tool the cord protector leading into the tool is separate from the cord to facilitate replacement. On the consumer tool, the protectors are molded onto the cord.

Switches. Dust and frequent usage are the enemies of tool switches. Since professional tools are subjected to more of both, switches need to be heavy duty and protected from dust.

Motors. Professional-quality tools have motors designed to generate more power and sustain overloading for longer periods than consumer tools. At the same time they must be light enough for tradespeople to use for a long time. To guard against short-circuiting at high temperatures and speeds, manufacturers coat the windings of quality motors with epoxy.

More expensive tools have copper windings rather than aluminum ones because, while copper costs more, it makes the motor more powerful.

Precise positioning of the carbon brushes, which transfer electricity from the electrical outlet to the motor, also sets professional tools apart from consumer tools. On the former, the brushes are held by close-tolerance brass holders rather than by the high-impact plastic ones on the latter.

Another difference is the type of bearings used. Generally, consumer tools have sleeve bearings. For pro tools, manufacturers use better-quality ball bearings to a greater extent to reduce the amount of lateral movement and vibration.

Gears. Often, a heavy-duty tool has wrought-steel gears, which are heat-treated to harden the metal. With some consumer tools, powdered-metal gears are used because they're less expensive.

Housings. Unless you know plastics, it's difficult to tell the difference between the materials used on pro tools and their consumer counterparts. Supertough nylon often sheathes the former, and consumer tools have a less durable plastic covering.

Metal housings differ, too. The professional tool has mating surfaces that have been machined to fit against the motor housing. The consumer model is die-cast with minimal machining.

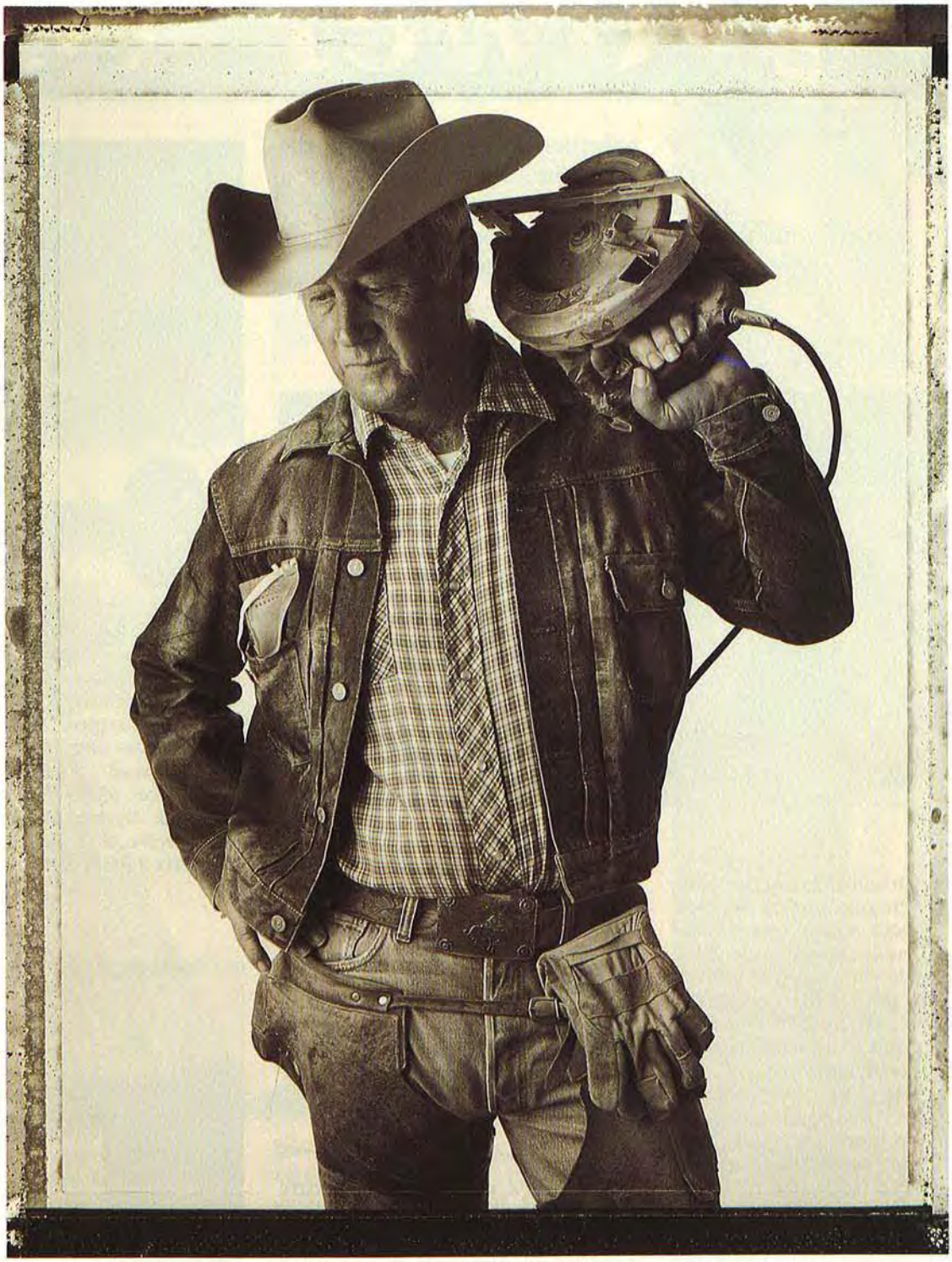
Assembly. The major components of pro tools interlock with one another. With consumer tools, the components often are held together clamshell-style with one set of screws.

Safety. No matter which type of equipment you buy there are certain maintenance procedures you'll want to follow for safety as well as extended tool life.

All electrical power cables should be in good repair, without frays, breaks or loose plugs. If your workshop outlets aren't the three-prong type, always use a grounding plug adaptor.

If tools aren't self-lubricating, follow the instructions in the manual to lubricate them at regular intervals.

And keep blades sharp. Dull blades can be dangerous as well as ruinous to work.



Paul Flinn, Construction Superintendent, Weatherford, Texas.
Over the past 40 years, he's never worked without his favorite hat. Or his Skilsaw.

SKILSAW®

We made it first. We make it last.

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Skil Corporation, Subsidiary of Emerson Electric Co., 4300 W. Peterson Ave., Chicago, IL 60646. © 1990 Skil Corp. Skilsaw is a trademark of Skil Corp.

Power Tool

A collection of power tools can represent quite an investment, so it only makes sense to complement those tools with the right accessories. And we've assembled an impressive bunch for you to look over!

Print this article

▼ These Bearing Enlarger Kits allow you to change cutting profiles and depth-of-cut when using ball-bearing-piloted router bits. The bearings work with any bit with a 3/16" OD pilot post. A three-piece set consists of 3/8", 5/8", and 3/4" bearings and sells for $14.95 plus postage. A four-piece set includes 3/4", 7/8", 1", and 1 1/8" bearings and costs $32.50 plus postage. Woodcraft Supply, Dept. WD, 210 Wood County Industrial Park, P.O. Box 1686, Parkersburg, WV 26102-1686; 800/225-1153 or 800/535-4486.

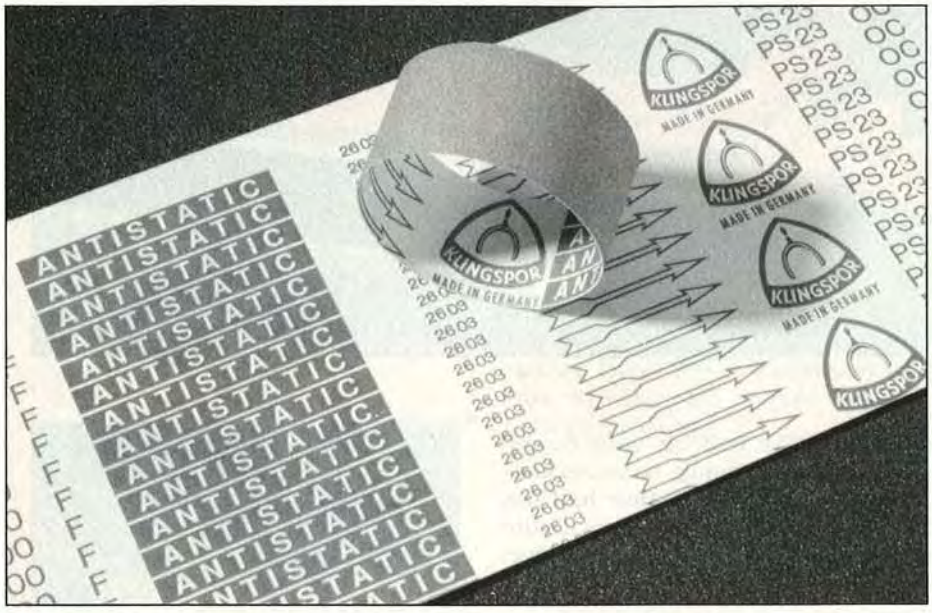
▲ How do you copy complex moldings and other patterns? Answer: With a profile gauge such as these two models from Garrett Wade. The gauges have plastic plates that conform to the shape of the profile. The 5 1/2" model sells for $24.95, the 12" model for $39.50 (prices do not include postage). Garrett Wade, Dept. WD, 161 Avenue of the Americas, New York, NY 10013-1299; 800/221-2942.

► There's nothing like a little support when you're ripping or resawing long stock. The HRT-18 Rollertable is made of heavy-duty components, and its height adjusts from 26 1/2" to 44". For added stability it has four adjustable feet. List price: $109.95. HTC Products, Dept. WD, 120 E. Hudson-W1, P.O. Box 839-W1, Royal Oak, MI 48068; 800/624-2027 or 313/399-6185.

▲ Because so many of us use drywall screws, Black & Decker has developed a new power screwdriver bit especially designed for these screws. Scorpion Anti-Slip Drywall Screwdriver Bits have a reduced-diameter head to minimize slippage. List price: $9.99 for a 7-piece set. Black & Decker, Dept. WD, 10 N. Park Drive, P.O. Box 798, Hunt Valley, MD 21030; 800/762-6672.

Accessories

► Stationary saw and router-table kickbacks can be scary and dangerous experiences, so why take chances? The Anti-Kickback Hold-Down System (Item 96974) sells for $55.98 ppd. and handles workpieces as small as ¼" thick and ¼" wide. Leichtung Workshops, Dept. P130, 4944 Commerce Parkway, Cleveland, OH 44128; 800/542-4467 (product info.), 800/654-7817 (catalogs), or 800/321-6840 (orders).



▲ Because Klingspor's new PS23 Antistatic Abrasives resist loading, they last longer and remove material more effectively than other sanding belts. If your sander is properly connected to a dust-collection system, the antistatic feature of these abrasives helps them efficiently channel the dust toward the collection port. Price depends on size and grit. Klingspor Abrasives, Dept. WD, 2555 Tate Blvd. S.E., P.O. Box 2367, Hickory, NC 28603; 800/645-5555 or 704/322-3030.

► Start screws the easy way with Makita's new Finder Driver (suggested retail price of $7.55). Because the device prevents screws from wobbling or disengaging from the bit, it's especially useful when starting long deck screws and slotted-head screws. Makita, Dept. WD, 14930 Northam St., La Mirada, CA 90638; 714/522-8088.

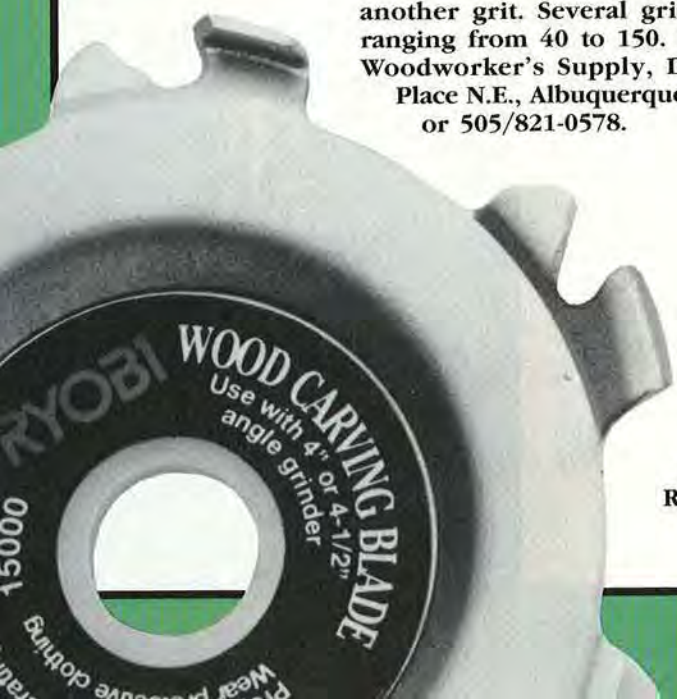
Power Tool Accessories

If you have a table-mounted plunge router, this crank will help you lower and raise the router faster than any similar device on the market. The Router Crank Handle fits most Hitachi, Makita, Elu, Porter-Cable, and Bosch plunge routers. The original version sells for $34.45 ppd., and a quick-release version goes for $44.45 ppd. Tools Etc., Dept. WD, 1567 S. Harbor Blvd., Fullerton, CA 92632; 800/327-6250 or 714/525-3581.

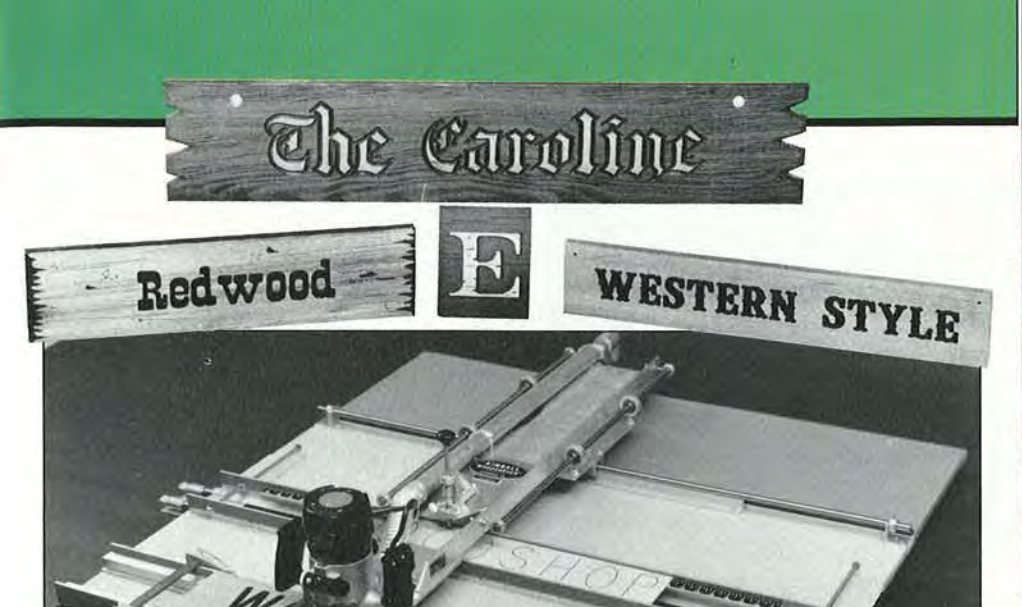
If you would like to get set up in your own sign-making business, here's a machine worth a look. The Kimball Woodcarver Model K55 comes complete with all you need to get started, and will carve signs with letters up to 12" high from templates. It also will help you carve pictures and logos from drawings. Free training provided at the company's headquarters. Selling price: $2,195 F.O.B. factory (basic model). Kimball Sign Co., Dept. WD, 2602 Whitaker St., Savannah, GA 31401; 912/232-6561.

How would you like to give your tablesaw the cutoff capabilities of a radial-arm saw? The Shopsmith Crosscut Sliding Table has a 15¾×31¾" laminated surface and a fence that adjusts for angle cuts of 90°, 45°, 36°, 30°, and 22.5°. Four models fit Shopsmith MARK V 510, Shopsmith MARK V 500, and Delta and Sears tablesaws. All sell for $59. Shopsmith, Dept. WD, 3931 Image Drive, Dayton, OH 45414; 800/543-7586 or 513/898-6070.

With a Split-Grit abrasive belt on your 6×48" sander, you can save time changing belts because half of the belt has one grit, and the other half has another grit. Several grit combinations available ranging from 40 to 150. Price: $9.95 plus postage. Woodworker's Supply, Dept. WD, 5604 Alameda Place N.E., Albuquerque, NM 87113; 800/645-9292 or 505/821-0578.

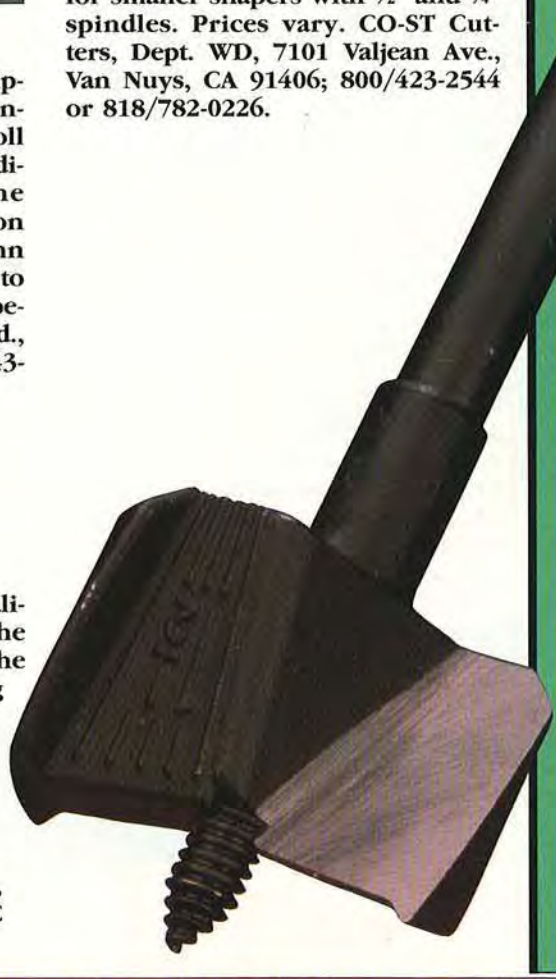


With the Woodcarver you can convert your angle grinder into a small, fast, and maneuverable woodcutting instrument. The accessory quickly sculpts and trenches any wood without kickback. Price: about $40. Ryobi, Dept. WD, 1424 Pearman Dairy Road, Anderson, SC 29625; 800/323-4615 or 803/226-6511.



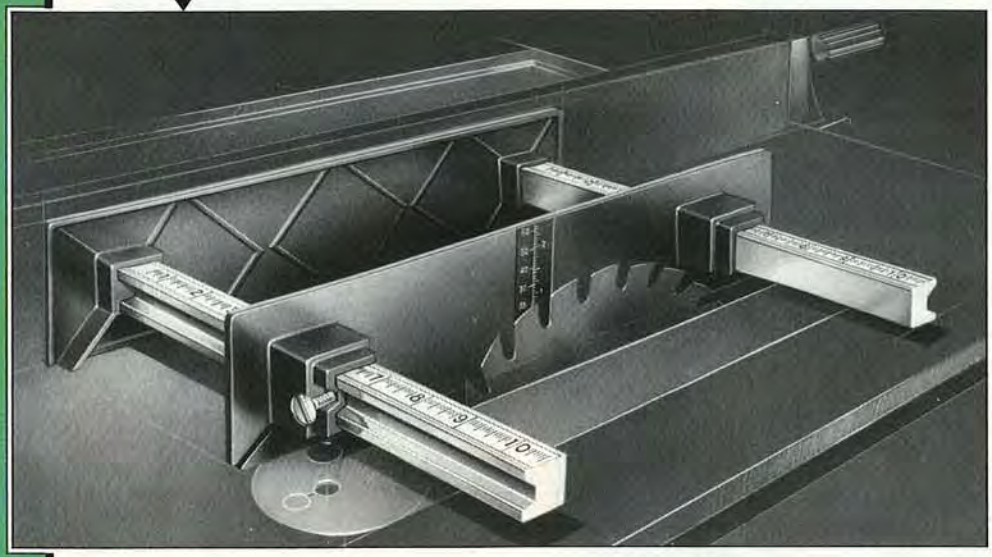
▲ Shaper cutters always have represented a hefty investment for woodworkers, but now LRH is bringing down the cost of these items with its new line of CO-ST Cutters. These cutters are made in the U.S. and are specially designed for smaller shapers with ½" and ¾" spindles. Prices vary. CO-ST Cutters, Dept. WD, 7101 Valjean Ave., Van Nuys, CA 91406; 800/423-2544 or 818/782-0226.

◄ Because the model 9975 Helping Hand Stand has eight independent ball bearings, you can roll workpieces across it from any direction without changing the stand's position. It has a cast-iron base and telescoping steel column that adjusts in height from 28" to 48". Price: $40–$45. Power Tool Specialists, Dept. WD, 3 Craftsman Rd., East Windsor, CT 06088; 800/243-5114 or 203/654-1761.

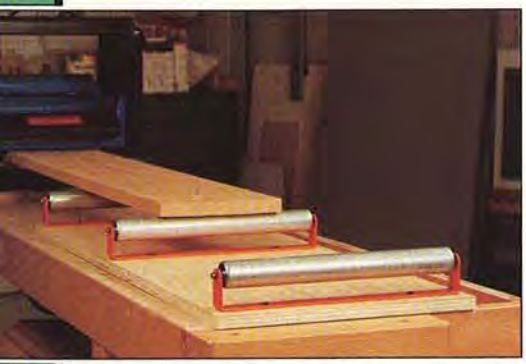


► By combining the best qualities of auger and spade bits, the Wood Eater bit feeds itself into the workpiece easily. And according to the manufacturer, it cuts up to three times faster and will make as many as seven times more holes than a spade bit. A three-piece set with ½", 1", and 1½" bits sells for about $19.99. Vermont American, Dept. WD, P.O. Box 340, Lincolnton, NC 28093-0340; 704/735-7464.

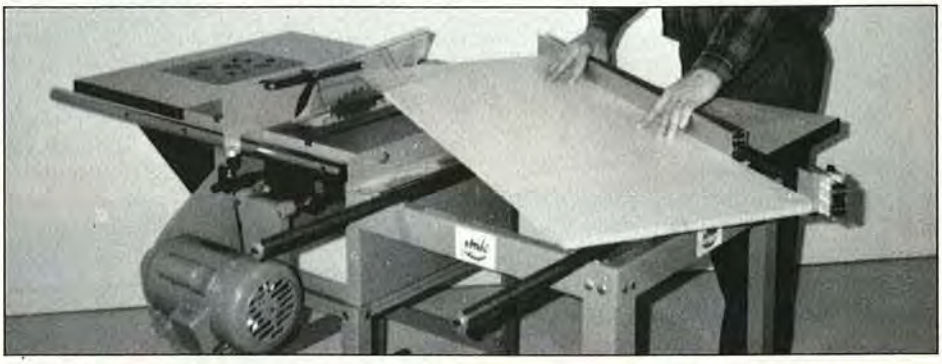
Power Tool Accessories



◀ The Paragauge is guaranteed to set any power-tool fence to within .010". And, you can use it to measure blade depth and adjust your tablesaw fence parallel to the blade. The 12" model PG-12 sells for $34.95 plus postage, and the 18" model PG-18 sells for $39.95 plus postage. Accuset Tool Co., Dept. WD, P.O. Box 1088, Troy, MI 48099; 800/343-6129 or 313/879-0030.



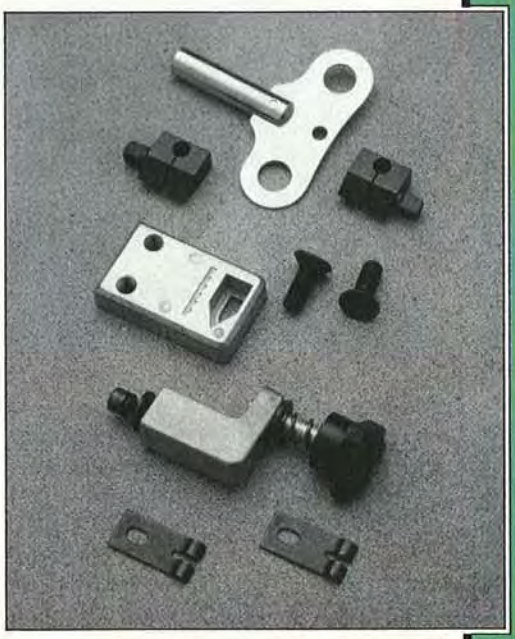
▲ You can build your own work-support roller systems with a few HU-13 Universal Roller/Brackets. The high-quality roller is 1.38" in diameter and 13" long (22"-long models also available). List price: $12.95. HTC Products, Dept. WD, 120 E. Hudson-W1, P.O. Box 839-W1, Royal Oak, MI 48068; 800/624-2027 or 313/399-6185.



▲ Here are two accessories that help turn your tablesaw into an all-around performer. One is the MULE Router Table that consists of a double-laminated top, phenolic router plate, and steel mounting brackets ($149). The other is the MULE Cabinetmaker Sliding Table for hassle-free crosscuts ($369). MULE Cabinetmaker Machine, Dept. WD, 519 Mill St., P.O. Box 731, Lockport, NY 14095; 800/563-6853 or 416/727-7090.

◀ Only CONVALCO Forstner bits closely resemble the original Forstner bits developed by Benjamin Forstner. The bits have minuscule centerpoints for flat-as-possible hole bottoms, and have plenty of steel mass near the rim for cool cutting. A 7-piece set (bits ranging from ¼" to 1") sells for $142 ppd. Connecticut Valley Manufacturing Co., Dept. WD, P.O. Box 1957, New Britain, CT 06050; 203/223-0076.

◀ For faster, cooler, and smoother plunge-router cuts, Vermont American has come out with a titanium-nitride-coated set of plunge-cutting router bits. The five-piece set (suggested price: $24) consists of these bits: ½" straight, ¼" veining, ⅜" V-groove, keyhole slot, and ¼" panel pilot. Vermont American, Dept. WD, P.O. Box 340, Lincolnton, NC 28093-0340; 704/735-7464.



▼ If you happen to own a Skil Model 77 portable circular saw—and plenty of people do since versions of the saw have been made for 50 years—here's an accessory for better rip cuts. The new Slickfoot attaches to the saw's foot and helps the saw glide smoothly over wood and prevents marring or scratching of fine finishes. Price: about $8. Skil, Dept. WD, 4300 W. Peterson Ave., Chicago, IL 60646; 312/286-7330.

▲ If you own a Taiwanese-made scrollsaw that accepts pin-end blades, you can enjoy the benefits of plain-end blades by outfitting your saw with an Upgrade Kit. (Plain-end blades are available in finer tooth sizes and cut a greater variety of materials than pin-end blades). The easy-to-install kits come in four versions for various saws and range in price from $38 to $50. Advanced Machinery Imports, Dept. WD, 2 McCullough Drive, P.O. Box 312, New Castle, DE 19720; 800/648-4264 or 302/322-2226.

▼ Woodworkers are catching on to the benefits of random-orbit sanders, and this attachment allows you to add this capability to your 4", 4½", or 5" angle grinder with ⅝" arbor and 11 threads per inch. The Random Orbit Sander Head works with 5" adhesive-backed sanding pads ($54.95 plus postage). Woodcraft Supply, Dept. WD, 210 Wood County Industrial Park, P.O. Box 1686, Parkersburg, WV 26102-1686; 800/225-1153 or 800/535-4486.

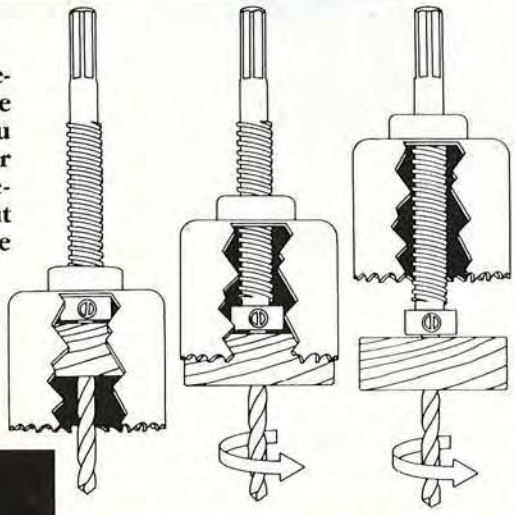
Power Tool Accessories

credo
10" FACE PLATE SANDING DISC
MEDIUM AND COARSE GRIT
CONVERTS ANY 10" STATIONARY SAW TO A TWO SIDED DISC SANDER
GUARANTEED
credo
7¼" FACE PLATE SANDING DISC
MEDIUM AND COARSE GRIT
CONVERTS ANY 7¼" OR 8" STATIONARY SAW TO TWO SIDED DISC SANDER

You can convert your tablesaw into a two-sided disc sander with the Credo Face Plate Sanding Disc. Each disc has medium-grit sandpaper mounted on one side, and coarse-grit sandpaper on the other. Available in 7¼" and 10" sizes for $9.64 and $15.22. Credo, Dept. WD, 2765 National Way, Woodburn, OR 97071; 503/982-0100.

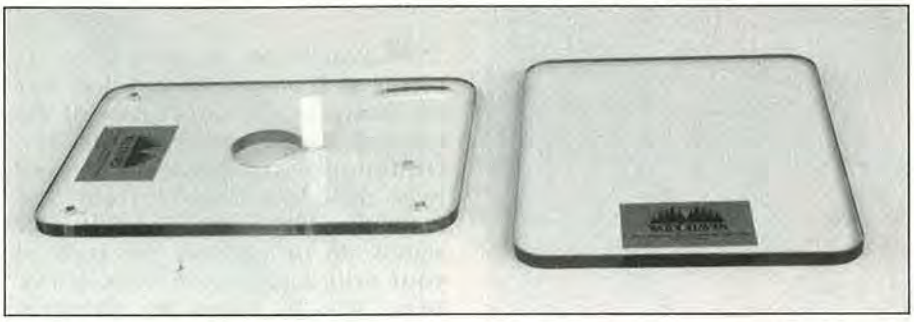
The DDF100 Doweling Fixture handles drawers and other joints without the usual alignment problems you run into when doweling. The fixture includes an industrial-grade hardened steel bushing. List price: $49.95. Nova Tool Co., 12500 Finigan Rd., P.O. Box 29341, Dept. BG, Lincoln, NE 68529; 800/826-7606 or 402/464-0511.

Removing plugs from a holesaw can be a real chore, but the Plug-Ejecting Hole Saw helps you get the job done with ease. After cutting the hole, you simply reverse the drill to back the plug out of the saw. The saws range in size from ⅞" to 2½" and retail for $20 to $25 each. Vermont American, Dept. WD, P.O. Box 340, Lincolnton, NC 28093-0340; 704/735-7464.



The Marathon Blade for cutting deck lumber has several special features to help you cut pressure-treated lumber with ease. Its thin-kerf body helps the blade slice through the lumber with less power from the saw. And a silicone coating reduces resin buildup. List price: $20 for a 7¼" blade. Irwin, Dept. WD, 92 Grant St., Wilmington, OH 45177; 513/382-3811.

◀ Many tool surfaces benefit from a low-friction finish that aids the smooth gliding of parts while providing protection from rust. Kityspeed gets this job done on machine tables, jigs, power-tool bases, and many other surfaces. All you need to do is apply a thin coat, allow a few minutes to dry, then buff. It will not transfer to stock when properly applied. Postage-paid prices: $19.95 for 18 oz., and $4.95 for 2.5 oz. Farris Machinery, Dept. WD, 320 N. 11th, Blue Springs, MO 64015; 800/872-5489 or 816/229-3055.



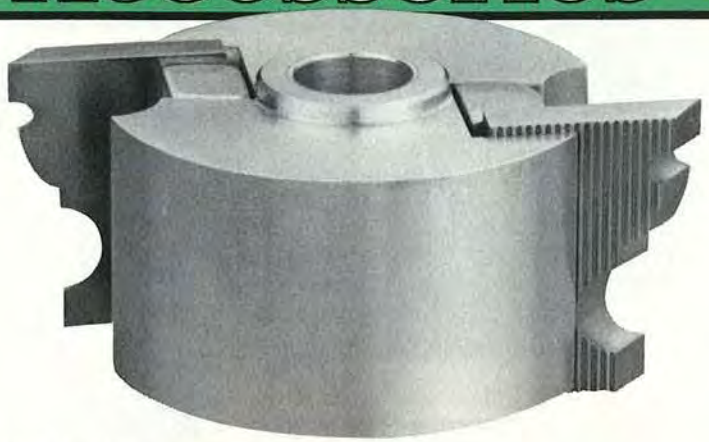
▲ You can make your own router table with the help of a Woodhaven No. 100 Series Router-Base Plate. The acrylic plate screws to the base of your router, enabling you to hold the router or suspend it in a table. You only need to cut a rabbeted hole in a freestanding table or into a tablesaw extension. Price: $16–$20 plus postage. Woodhaven, Dept. WD, 5323 W. Kimberly, Davenport, IA 52806; 800/344-6657 or 319/391-2386.

Note: If you would like to obtain your own plans for building a router table with the Woodhaven plate, WOOD® *magazine has two plans to choose from. A floor-standing version appeared in the February 1990 issue. If you don't have this issue, we'll send you one for $4.95 ppd. We also have a blueprint-style plan available for a benchtop version ($4.95 ppd.).* WOOD *magazine, P.O. Box 11454, Des Moines, IA 50336-1454.*

◀ Few systems under $1,000 allow you to mount a router above or below your workpieces, but the Shopsmith Routing System ($439) does. The unit comes with a feather board, fence, guide pins, dust-collection hookup, and a comprehensive owner's manual (router not included). Shopsmith, Dept. WD, 3931 Image Dr., Dayton, OH 45414; 800/543-7586 or 513/898-6070.

Power Tool Accessories

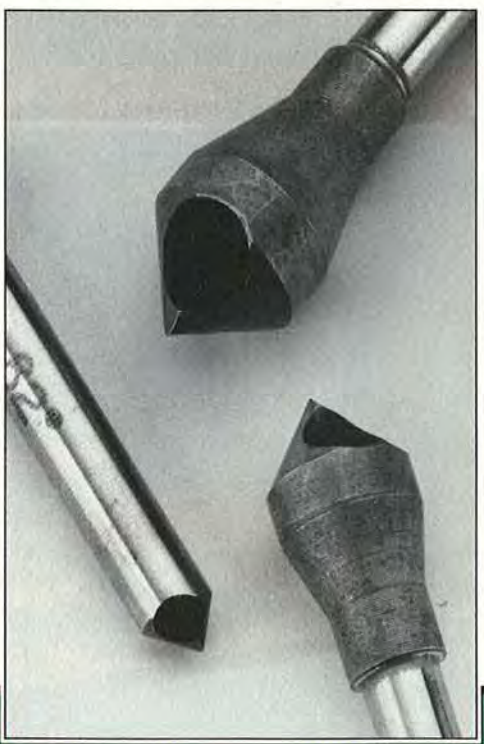
◀ You know how it goes. It seems as if your drill and drill bits are never in the same place at the same time. Now, they can be. The Drillminder contains 13 high-speed twist drill bits in sizes from 1/16" through ¼" by 64ths. The dispenser stands up or clips to the cord of your drill. List price: $17.79. Irwin, Dept. WD, 92 Grant St., Wilmington, OH 45177; 513/382-3811.



▲ Once you own the Model C2220 Molding Head ($64.95 plus shipping and handling), you can purchase all sorts of interchangeable knives to handle most any job. The head has a ¾" bore and accepts two knives (also available from the supplier). Cascade Tools Inc., Dept. WD, P.O. Box 3110, Bellingham, WA 98227; 800/235-0272 or 206/647-1059.

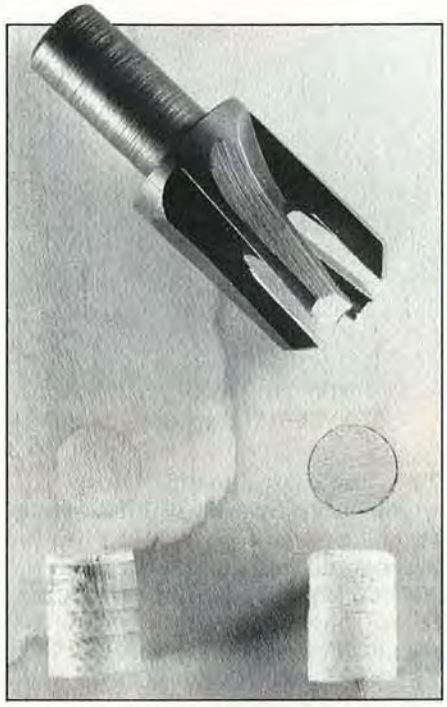
▼ Hey, Shopsmith owners! You can convert your MARK V into a stationary biscuit joiner with the Shopsmith Biscuit Joiner ($109). The accessory has dust-collection hookup for debris-free work. Shopsmith, Dept. WD, 3931 Image Drive, Dayton, OH 45414; 800/543-7586 or 513/898-6070.

▼ Because these countersinks shear rather than scrape, they make smooth, chatter-free cuts. Three sizes countersink a wide range of holes and sell for $9.95 to $11.95 each plus postage. Garrett Wade Company, Dept. WD, 161 Avenue of the Americas, New York, NY 10013-1299; 800/221-2942.



Slick Strips are made of a special adhesive-backed flexible plastic film that reduces friction tremendously. And, their high abrasion resistance even surpasses Teflon. The 3″ width ($15.95 plus postage for 10.5′) is ideal for power-tool fences and the bases of routers and hand-held saws. You can renew the smooth run of worn wooden drawers or protect other surfaces with the ¾″-wide material ($4.75 plus postage for 10.5′). Woodcraft Supply, Dept. WD, 210 Wood County Industrial Park, P.O. Box 1686, Parkersburg, WV 26102-1686; 800/225-1153 or 800/535-4486.

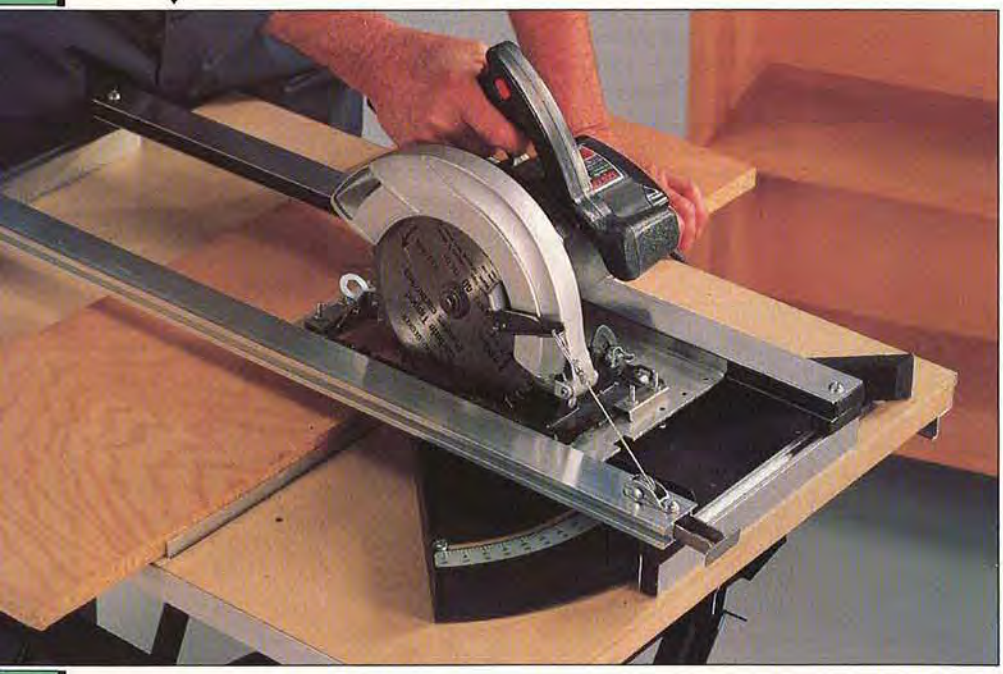
Large router bits, such as panel raisers, require slow router speeds. So what do you do if your router doesn't have variable speed? You can add this capability to your router for $39.95 with the MLCS Router Speed Control. The control works with portable power tools up to 15 amps that have universal motors. MLCS, Dept. WD, P.O. Box 4053-D-9, Rydal, PA 19046; 800/533-9298 or 215/886-5986.



Your wooden plugs will always fit tightly if you cut them with a Veritas Snug Plug Cutter. Why? These cutters make slightly tapered plugs that fit like a cork in a bottle (see example on *left* in photo). A set of three plugs in English or metric sizes costs $29.95 plus postage. Veritas Tools, Dept. WD, 12 E. River St., Ogdensburg, NY 13669.

Here's a weather-stripping system that allows you to install a hollow silicone bead that cannot loosen or fall out. The silicone bead recovers its original shape under nearly any circumstances, and is temperature-resistant. A complete kit sells for $399 and includes a Bosch laminate trimmer, solid-carbide bit, attachment for curves and arches, alignment tool, a roller for pressing the bead into its channel, and 150′ of bead in one of three sizes (¼″, 5/16″, or ⅜″) in brown or white. Weatherbead Insulation Systems, Dept. WD, 81-824 Trader Place, Unit C-5, Indio, CA 92201; 800/966-0159 or 619/347-3738.

Power Tool Accessories

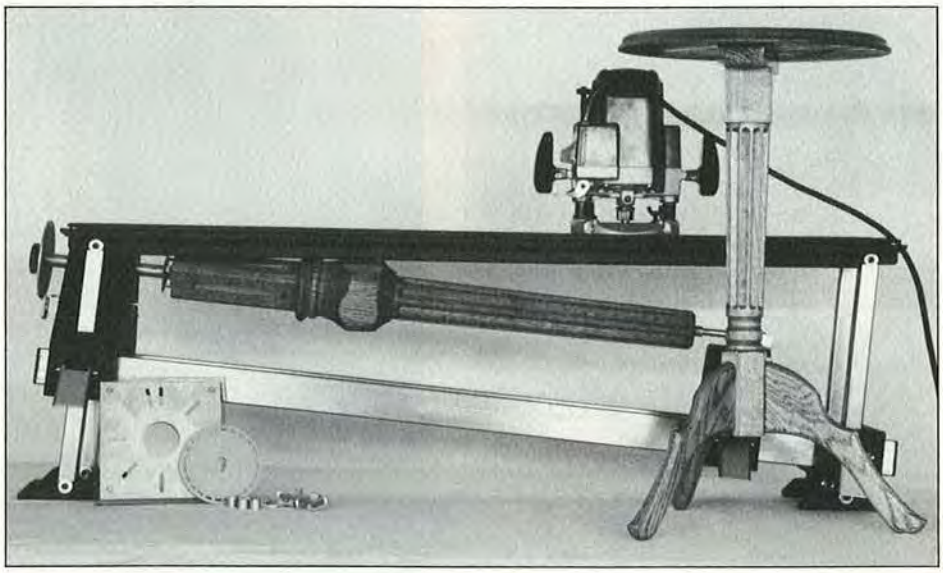


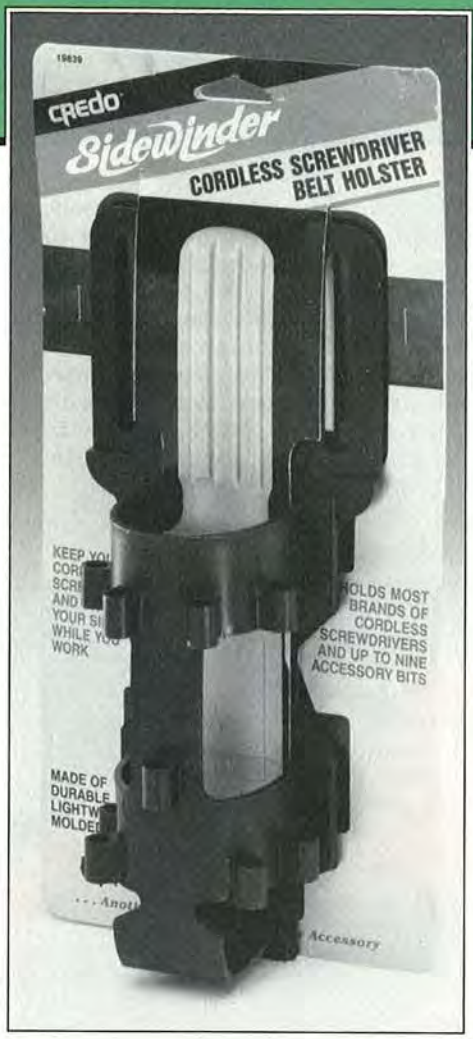
◀ To give your portable circular saw many of the abilities of a radial-arm saw, all you need is the Trimtramp Sliding-Compound Mitersaw Table. It handles boards up to 16" wide and weighs 21 lbs. Suggested retail price: $149.95. Trimtramp Ltd., Dept. WD, 151 Carlingview Drive, Unit 11, Etobicoke, Ont., Canada M9W 5S4; 416/798-3160.

▲ Woodhaven's "Know Bits" help you check your router or drill press for runout. You can also use these handy helpers to find mortise centers. Price: $12.99 ppd. Woodhaven, Dept. WD, 5323 W. Kimberly Road, Davenport, IA 52806; 800/344-6657 or 319/391-2386.

▼ With the Corner Sander and your angle grinder, you can sand into the corners of shelving, floors, cabinets, and other knuckle-busting spots. The attachment sells for $29.95 plus postage and fits grinders with a ⅝"—11 arbor. Woodcraft Supply, Dept. WD, 210 Wood County Industrial Park, P.O. Box 1686, Parkersburg, WV 26102-1686; 800/225-1153 or 800/535-4486.

▼ The Woodchuck Indexing Router Table System unlocks your router's potential by turning it into a horizontal milling station. With it, you can combine these elements for an endless variety of designs: indexed tapers, flutes, accent cuts, mortises, dovetail slots, dadoes, and rabbets. Five models range in price from $89 to $695. Phantom Engineering, Dept. WD, 16890 Church St., Bldg. 13, Morgan Hill, CA 95037; 408/779-1616.



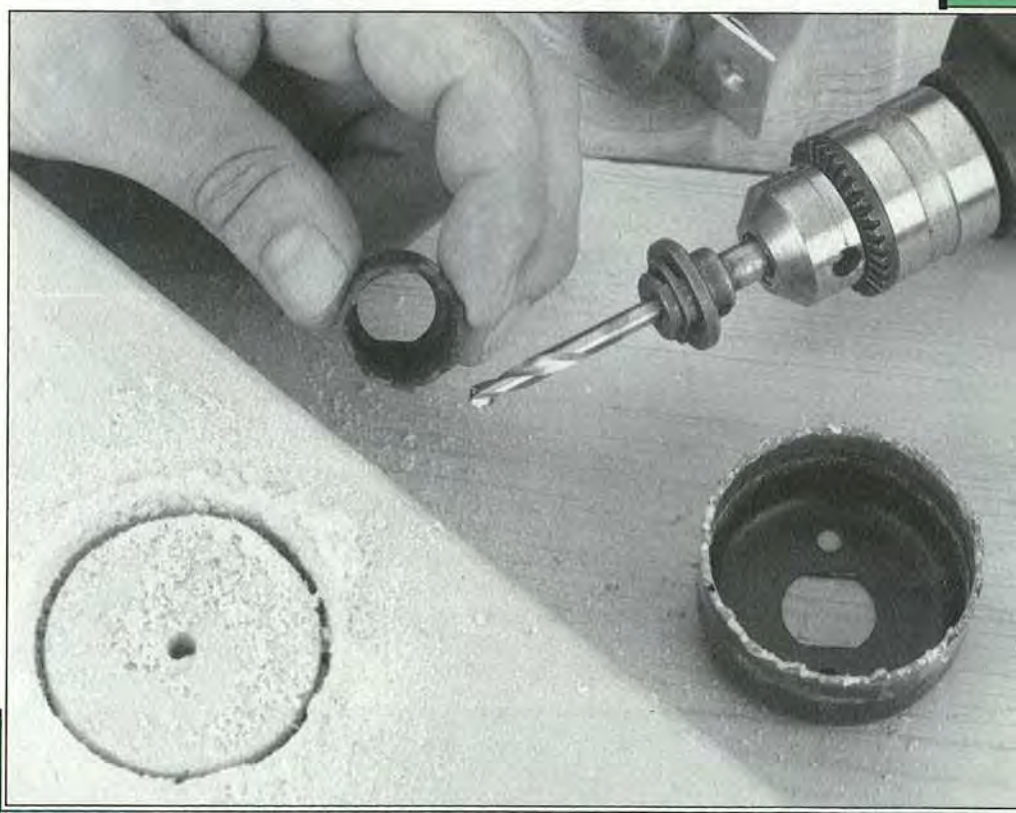


◄ To keep your cordless screwdriver and its accessories organized, you need the Sidewinder Holster. It will hold most cordless screwdrivers (the type with a straight barrel) and up to nine accessory bits. Suggested list price: $5.19. Credo, Dept. WD, 2765 National Way, Woodburn, OR 97071; 503/982-0100.

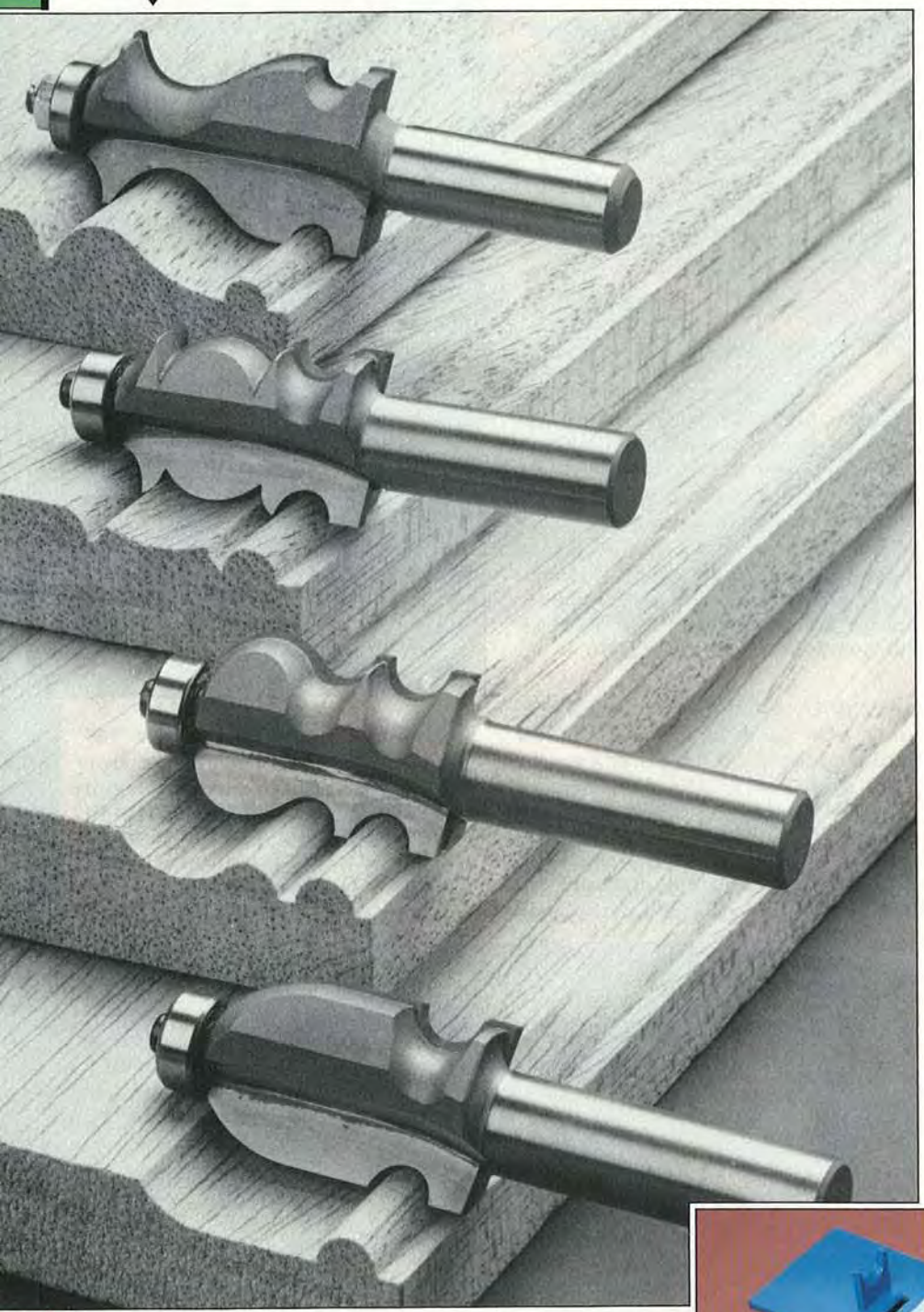
► By mounting your router horizontally in the Shopsmith Joint-Matic, you can accurately cut an amazing array of joints including half-blind dovetails, spliced dovetails, sliding dovetails, mortise and tenons, and box joints. The sturdily built tool also makes for safe and easy raised panels when used with optional "Raiser Router Bits." Price: $399. Shopsmith, Dept. WD, 3931 Image Dr., Dayton, OH 45414; 800/543-7586 or 513/898-6070.

▼ How would you like to try biscuit joining without investing in an expensive biscuit joiner? The MLCS Biscuit-Joining Set for Routers allows you to do just that. The set ($29 ppd.) consists of a ¼"-shank, carbide-tipped slot cutter and 250 No. 20 biscuits. MLCS, Dept. WD, P.O. Box 4053-D-9, Rydal, PA 19046; 800/533-9298 or 215/886-5986.

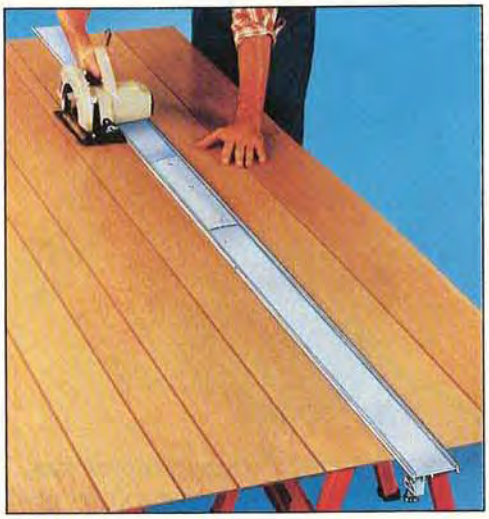
▼ Black & Decker's new Universal Quick-Change Mandrel allows you to easily lock a holesaw on or take it off without tightening a nut. The mandrel fits all sizes of carbon-steel holesaws, so you don't have to own two different-sized mandrels. List price: $6.98. Black & Decker, Dept. WD, 10 N. Park Drive, P.O. Box 798, Hunt Valley, MD 21030; 800/762-6672.



Power Tool Accessories

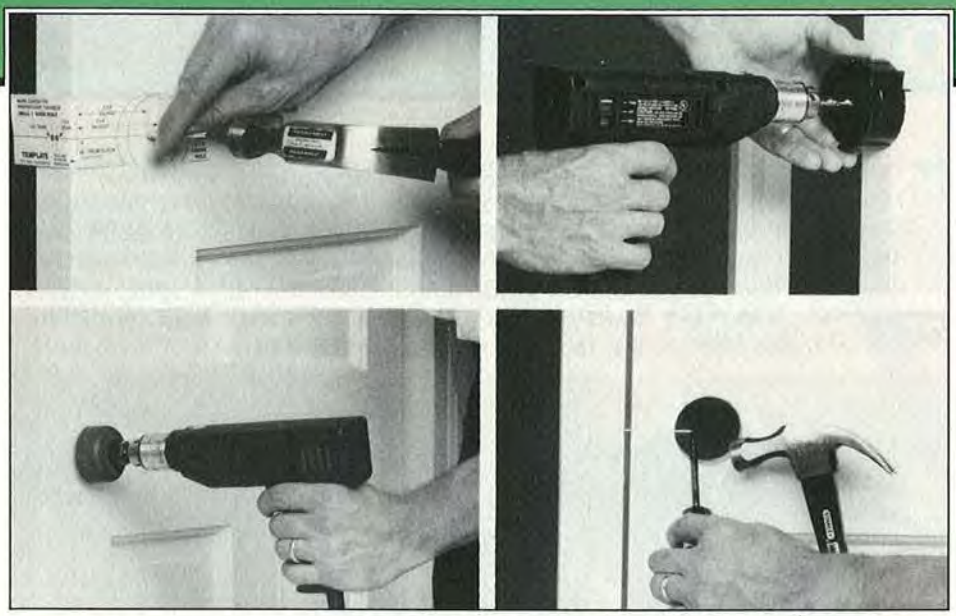


◄ Before the age of power tools, craftsmen used molding planes to shape complex moldings. You can duplicate the look of these moldings with your router and the four-piece molding-plane profile set ($99.95 ppd.). The two-flute, carbide-tipped bits are available with ¼" or ½" shanks. MLCS, Dept. WD, P.O. Box 4053-D-9, Rydal, PA 19046; 800/533-9298 or 215/886-5986.

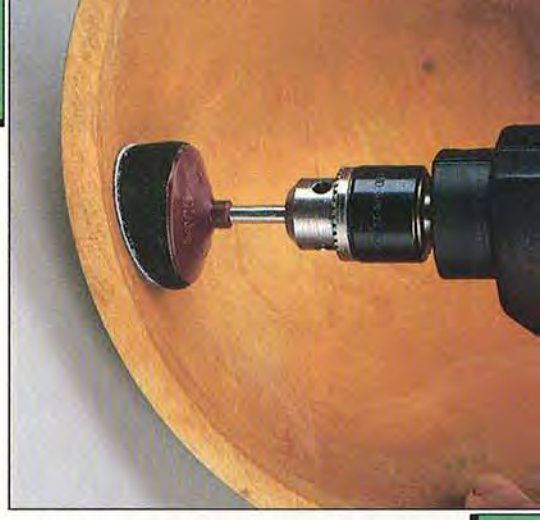


▲ With the Cutter's Edge II, you can cut straight lines in sheet goods using your portable circular saw, router, jigsaw, or utility knife. The guide is over 8′ long, breaks down into two sections, and includes two clamps for locking the guide in place. Suggested price: $27.95. The Hirsh Company, Dept. WD, 8051 N. Central Park, Skokie, IL 60076; 800/872-3279 or 708/673-6610.

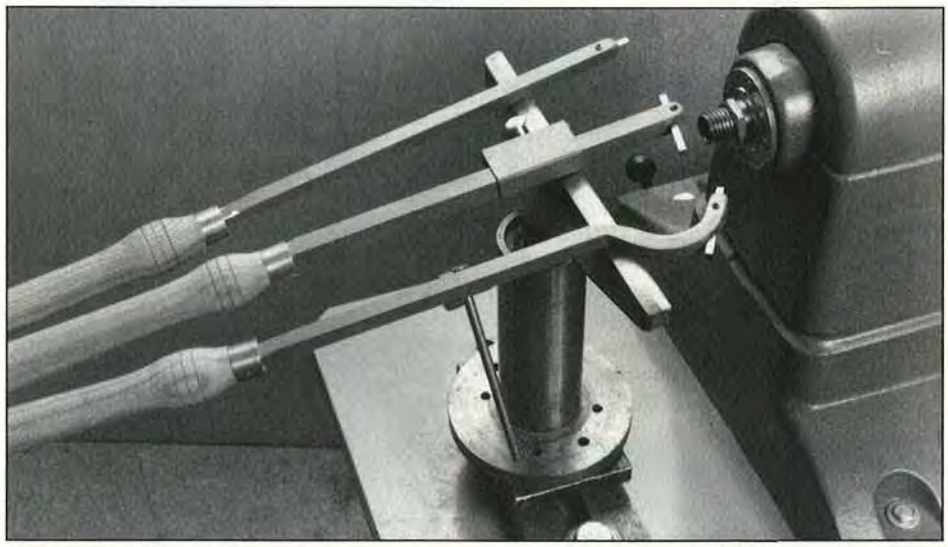
► Applying glue to biscuit slots can be messy—unless you have the Biscuit Glue Applicator and Storage Box ($19.95 plus postage). The box contains a water-soaked sponge to keep the glue at the tip of the applicator from drying out. The squeeze bottle holds 8 oz. of glue. Woodworker's Supply, Dept. WD, 5604 Alameda Place N.E., Albuquerque, NM 87113; 800/645-9292 or 505/821-0578.



▲ With the Black & Decker Door Lock Installation Kit, you can quickly and accurately install most any lockset or door bolt (six kits available). The kits list for $16.99 and include a holesaw with mandrel, spade bit, latch-locator pin, and drill guide. Black & Decker, Dept. WD, 10 N. Park Drive, P.O. Box 798, Hunt Valley, MD 21030; 800/762-6672 or 301/527-7000.



▲ The quickest way to smooth a bowl is to do it with a power tool while the bowl is still on the lathe. The Woodturner's Sanding Set consists of two 2"-thick foam pads that chuck into your portable electric drill, five spare hook-and-loop faces, and 50 abrasive discs in various grits—all contained in a plastic case. Price: $41.95 ppd. Constantine's, Dept. WD, 2054P Eastchester Road, Bronx, NY 10461; 800/223-8087 or 212/792-1600.



▲ Few turning tasks present as many challenges as hollowing wooden vessels. This set of Three Hand-Forged Woodturning Tools is designed to make the job as easy as possible by eliminating the torque problem encountered with simple bent tools. Replacements for the high-speed steel tips are available at machinist's supply stores. You can buy the tools with or without handles ranging in price from $25 to $47.50 each plus postage. Lea's Tools, Dept. WD, 1651 S. Pecan Circle, Mesa, AZ 85202; 602/838-6452.

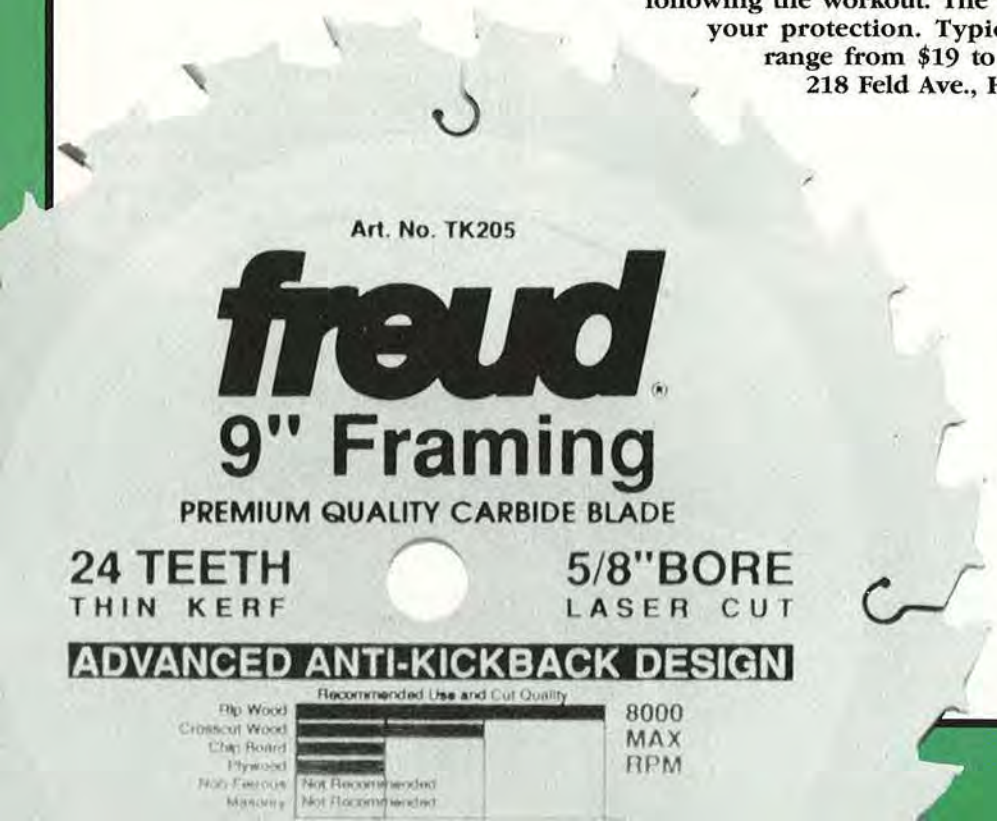
▼ Sliding tables help you crosscut large workpieces with ease, and here's one of the highest-quality models around. Its cast-iron table rides on a ball-bearing glide system. The complete outfit sells for $795 and attaches to nearly any tablesaw. A video presentation is available for $6. Laguna Tools, Dept. WD, 2081 Laguna Canyon Road, Laguna Beach, CA 92651; 800/234-1976 or 714/494-7006.

Power Tool Accessories

▲ Cutting exact-fitting miters is a real pleasure—one that you'll experience again and again with the help of the Kity Right-Angle Miter Gauge. The two faces of the gauge's protractor head are precision milled at 90° to each other for guaranteed success. The gauge sells for $84.95 ppd., and comes with the correct bar to fit your saw's miter-gauge slot, and a 20" fence with adjustable stop. Farris Machinery, Dept. WD, 320 N. 11th, Blue Springs, MO 64015; 800/872-5489 or 816/229-3055.

▼ The Woodhaven Mini Biscuits & Bit Kit consists of a 6mm×1½" cutter and 100 6mm compressed biscuits for doing biscuit joinery with your router. You also can buy compressed spline stock and a 6mm straight cutter for face frames. Because these biscuits are smaller than standard biscuits, you can use them with frame pieces as narrow as 1½". Price: $38.48 ppd. Woodhaven, Dept. WD, 5323 W. Kimberly Rd., Davenport, IA 52806; 800/344-6657 or 319/391-2386.

▼ To demonstrate the durability of their "TK" (thin kerf) series of blades, Freud representatives cut through nails embedded in boards. The saw barely slows down for the nails and the blade's teeth appear unscathed following the workout. The blades have an antikickback design for your protection. Typical selling prices for 6½–10" models range from $19 to $27. Freud, Dept. WD, P.O. Box 7187, 218 Feld Ave., High Point, NC 27264; 919/434-8300.

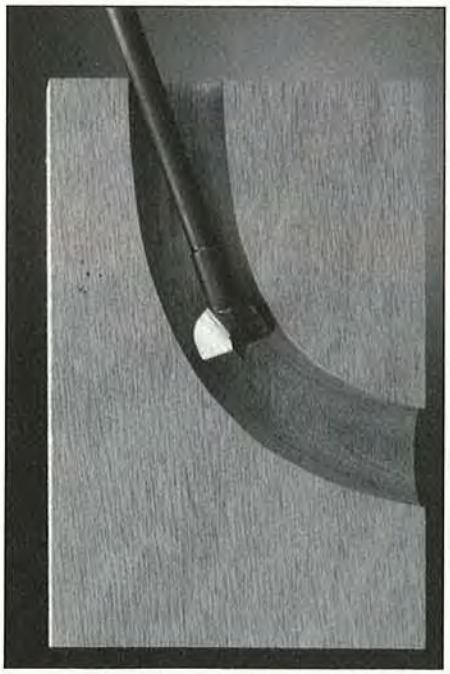


► No other drill bit does what this one does: bore curved holes! The Around-the-Corner Bit eliminates the need to drill two holes (and hope they line up), making it ideal for many wiring jobs. The bits will also drill straight holes. Suggested retail prices: $9.35 (⅞" diameter) and $10.95 (1⅛"). Vermont American, Dept. WD, P.O. Box 340, Lincolnton, NC 28093-0340; 704/735-7464.

▼ No matter what brand or vintage of stationary tools you own, HTC can outfit you with a mobile base to help you make the most of your woodworking space. The super-durable stands raise the machine only ¾" off the floor. Prices range from $68 to $288 depending on the size of your machine (model shown sells for $149). HTC, Dept. WD, 120 E. Hudson-W1, P.O. Box 839-W1, Royal Oak, MI 48068; 800/624-2027 or 313/399-6185.

▲ You can make your own custom drilling fixtures with these Hardened Steel Drill Bushings. The bushings have knurled surfaces so they hold in place when inserted into wood and come in 10 sizes in prices ranging from $2.80 to $3.40 each plus postage. Woodworker's Supply, Dept. WD, 5604 Alameda Place N.E., Albuquerque, NM 87113; 800/645-9292 or 505/821-0578.

▼ This 8-piece Detail Woodturning Set helps you turn tiny stock with ease. Price: $54.50 plus postage. Woodcraft Supply, Dept. WD, 210 Wood County Industrial Park, P.O. Box 1686, Parkersburg, WV 26102-1686; 800/225-1153 or 800/535-4486.



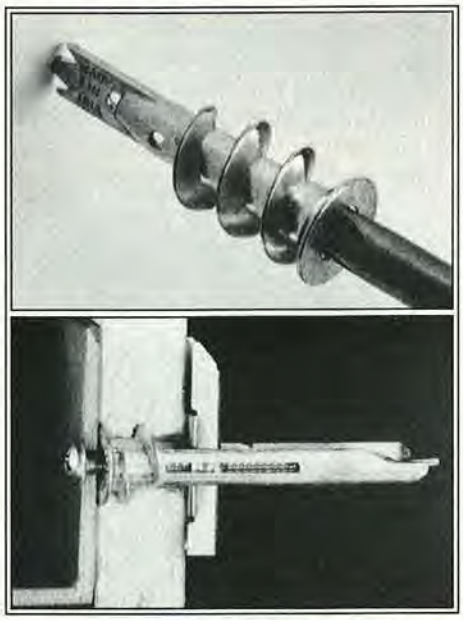
A Medley of

Many of the tools, accessories, and other supplies necessary for a well-stocked workshop just don't fit into a basic category. We've gathered together this varied group of helpers because we know you're sure to find an item or two that will help with your next project.

Print this article

◀ The Workmate 200 Portable Vise and Workbench could become the most useful item in your shop. Swiveling pegs in the top surface hold odd shapes up to 22" diagonally and 12" horizontally. The 23"-wide vise jaws angle to hold odd shapes up to 5¼" wide and have horizontal and vertical V-grooves to grip round objects. Between jobs, this super helper folds to 7¾" deep. List price: $73.95. Black & Decker, Dept. WD, 10 N. Park Drive, P.O. Box 798, Hunt Valley, MD 21030; 800/762-6672 or 301/527-7000.

▼ You won't find a more complete line of instant adhesives than that offered by Satellite City. In addition to instant glues in several consistencies, the manufacturer offers accelerators that speed curing, solvents, and odorless instant glues. Satellite City, Dept. WD, P.O. Box 836, Simi Valley, CA 93062; 805/522-0062.



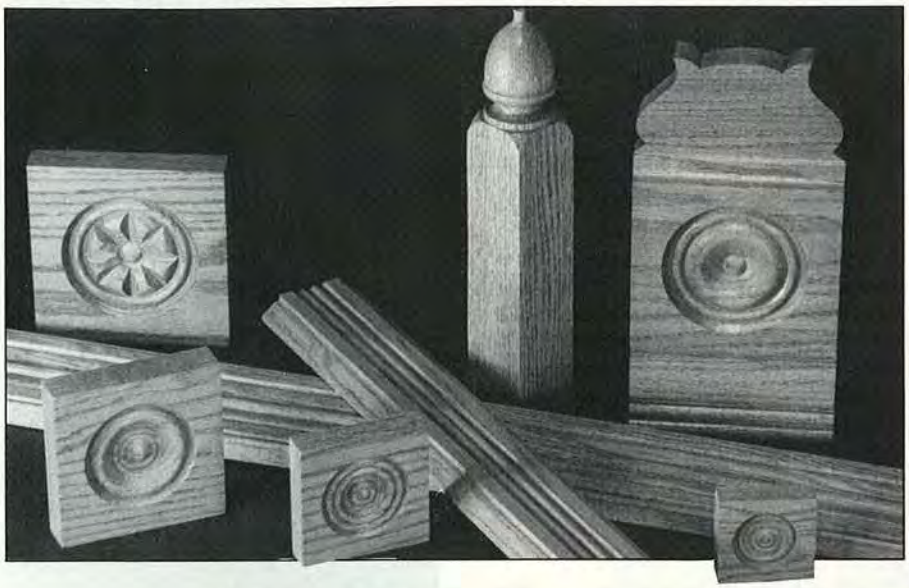
▲ Few things are faster, simpler, or more effective than these two drywall anchors from ITW Buildex. For mounting lightweight fixtures, all you need is the E-Z Ancor—a self-drilling, one-piece anchor—and a No. 2 Phillips screwdriver. After screwing the anchor into the wall, you only need to insert a No. 8 screw into the anchor. Price: about $1.69 for three anchors. For mounting heavier fixtures, the E-Z Toggle has all the holding power of other toggle-based systems, but is also self-drilling. Price: about $2 for a pack of two. ITW Buildex, Dept. WD, 1349 W. Bryn Mawr Ave., Itasca, IL 60143; 800/323-0720 or 708/595-3500.

▶ The Intego Do-It-Yourself Safety System allows you to combine safety glasses, goggles, and earmuffs into one comfortable headpiece. Each component adjusts separately for proper fit. Racal Panorama, Dept. WD, 7305 Executive Way, Frederick, MD 21701; 800/682-9500 or 301/695-8200.

Merchandise

▲ Craftsmen have relied on original Titebond woodworker's glue for over 30 years. Today, there's a Titebond II formula that behaves much like the original product, except that it's water-resistant. So, you can use it on exterior projects such as patio furniture and birdhouses. Price: about $5.90 for 16 oz. Franklin International, Dept. WD, 2020 Bruck St., Columbus, OH 43207; 800/347-4583 or 614/443-0241.

▼ Few moldings from any era match the complexity or elegance of those from the Victorian period. Manufacturing these moldings on your own can be a huge job. The good news is that Silverton Victorian Millworks can do the work for you. All types of moldings (including standard and custom-made arches) available in a wide price range. Silverton Victorian Millworks, P.O. Box 2987-WM6, Durango, CO 81302; 800/933-3930.

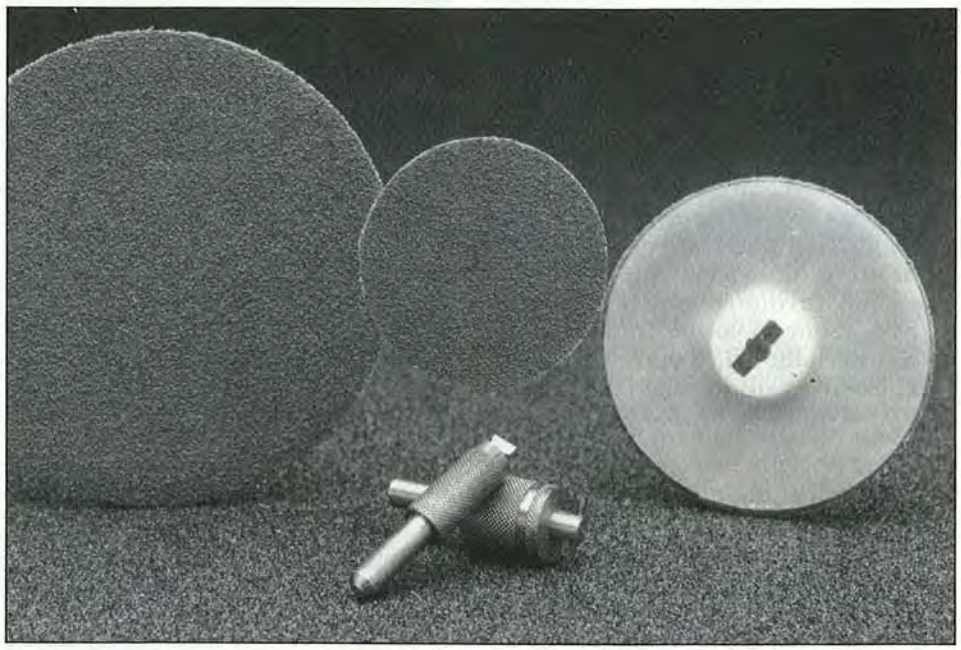


► Have you always dreamed of owning a finely crafted European workbench? Well, stop dreaming. The precision-made and affordable Lervad 610 Workbench is made of beech and imported from Denmark. The 59"-long, 27½"-wide, 32¼"-high bench folds out of the way when necessary. Price: $449 plus shipping (usually not more than $80 within the U.S.). Leichtung Workshops, 4944 Commerce Parkway, Dept. P130, Cleveland, OH 44128; 800/542-4467 (product info.), 800/654-7817 (catalog requests), or 800/321-6840 (orders).

Medley of Merchandise

Here's the light you've been trying to find for that next display case or cabinet. The Pico Lampi puts out 4 watts of fluorescent light, equivalent to 15–20 watts of incandescent light, at a fraction of the energy cost. It has electronic circuitry instead of ballast, so it's lightweight. The 6.875×1.125″ unit lists for $11.95. Lampi, Dept. WD, P.O. Box 1769, Huntsville, AL 35807; 800/633-7256 or 205/830-3110.

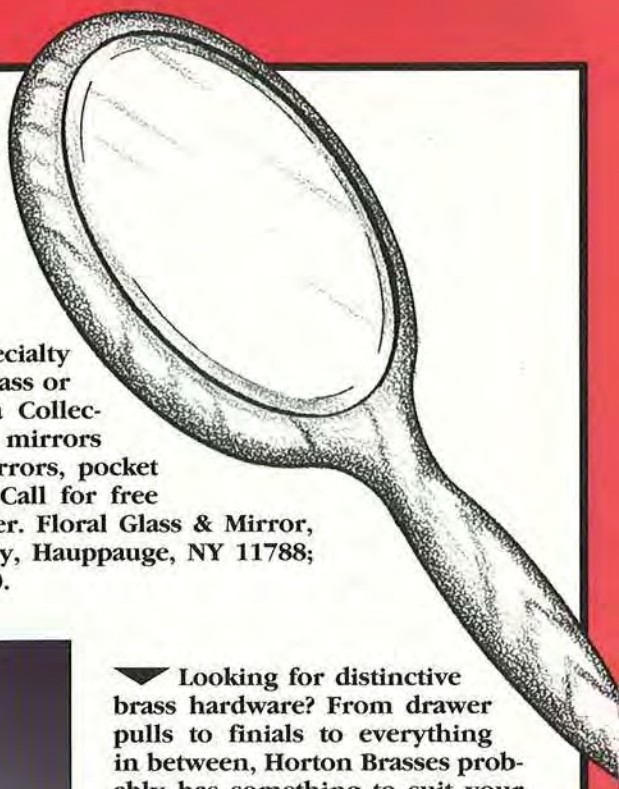
You can repair rickety chairs, wobbly drawers, and other projects with loose joints by applying Faber-Castell's UHU Woodtite Wood Sweller to the affected area. The product has a thin consistency, so it quickly penetrates and permanently swells wood fibers. Suggested retail price: $2.49–$3.99 for 1.69 oz. See your local homecenter.



Saving time counts when you're taking on a sanding job. The Quick Disc Connect (QDC) System allows you to change sanding discs in seconds. Discs from ¾″ to 4″ in diameter snap onto a ¼″ mandrel with just a quarter turn. Available grits: 36 through 240. Klingspor Abrasives, Dept. WD, 2555 Tate Blvd., S.E., P.O. Box 2367, Hickory, NC 28603; 800/228-0000 or 704/322-7238.

Few new homes have this type of ornamental molding, but you can buy and install molding such as this in your home. The manufacturer specializes in products that capture the classic detail of plaster moldings while retaining the warmth and workability of wood. Ornamental Mouldings Limited, Dept. WD, 289 Marsland Drive, P.O. Box 336, Waterloo, Ont. Canada N2J 4A4; 519/884-4080.

▲ Most throwaway dust masks are not approved for woodworking dusts. This one is. The 3M Sanding & Fiberglass Insulation Respirator costs $3.99 to $5.99. Consumer Relations, Dept. WD, 3M DIY Division, 3M Center, Building 515-3N-02, St. Paul, MN 55144.



► You won't find these specialty mirrors down at your local glass or hardware store. The Mirrora Collection consists of small beveled mirrors that are perfect for hand mirrors, pocket mirrors, and other projects. Call for free literature; $50 minimum order. Floral Glass & Mirror, Dept. WD, 895 Motor Parkway, Hauppauge, NY 11788; 800/647-7672 or 516/234-2200.

▲ Many times it's easier and less expensive to repair damaged or rotted wood than to replace it. Mr. Mac's Wood Fix rebuilds deteriorating wood and protects it from further damage. You also can use the two-part product to fill cracks and gaps. List price: $14.99 for 4 pounds (makes one quart). Mr. Mac's Products, Dept. WD, 111-F Creek Ridge Road, Greensboro, NC 27406; 800/333-3262.

◄ True to its name, the Megarack will support up to 1,200 pounds on each shelf. Using just a mallet or hammer, you can assemble the shelf into a 36"-wide, 72"-high shelving unit or into a workbench about half that high. Suggested retail price: $79.95 to $105.95. The Hirsh Co., Dept. WD, 8051 Central Park, Skokie, IL 60076; 800/872-3279 or 708/673-6610.

▼ Looking for distinctive brass hardware? From drawer pulls to finials to everything in between, Horton Brasses probably has something to suit your project and pocketbook. Horton Brasses, Dept. WD, Nooks Hill Road, P.O. Box 95, Cromwell, CT 06416; 203/635-4400.

Medley of Merchandise

One of the critical factors determining wood quality is its moisture content. The Mini-Ligno moisture meter fits in your pocket and instantly and accurately reads moisture content between 6 to 20 percent, with pins for measuring depths of 3/16" or 7/16". Price: $110. Lignomat USA, Dept. WD, P.O. Box 30145, Portland, OR 97230; 800/227-2105 or 503/257-8957.

Unlike some wood putties, Elmer's Fill 'N Finish Wood Filler won't sting your nostrils with pungent solvent odors. Its forgiving formula makes the product easy to use for do-it-yourselfers of all skill levels. List price for a pint: $5.49. Borden, Dept. WD, 180 E. Broad St., HPPG, Columbus, OH 43215-3799; 614/225-4511.

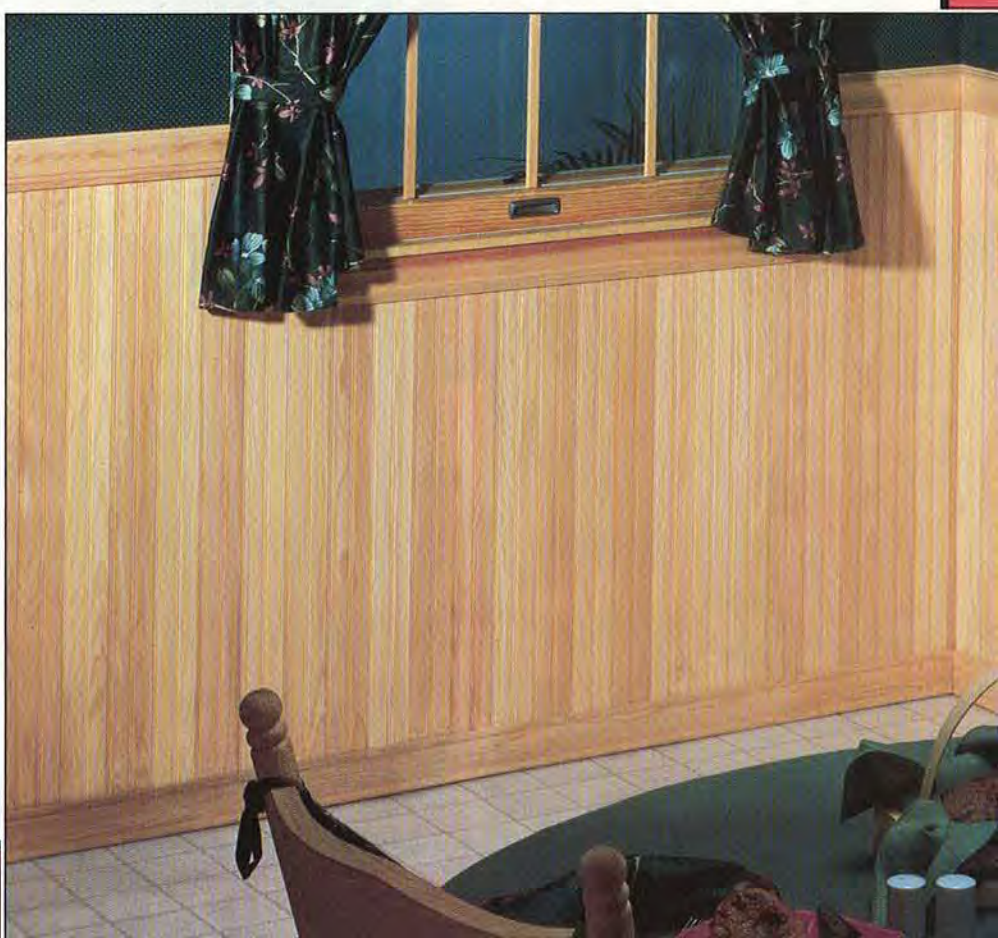
Odds and ends—we all have 'em, and most of us need better ways to store and organize these goods. Here's an easy way. Keepers Rough Tote Storage Containers have tight, snap-on lids and easy-grip handles, and come in five sizes ranging from 1 to 18 gallons. List prices range from $2.99 to $17.99. Rubbermaid Advertising Services, Media Dept. HS-0368-W, 717 W. Smith Road, Medina, OH 44258.

▲ Attention scrollsawers: If you're looking for an exciting challenge that will result in an impressive project, stay tuned. The Dome Clock Pattern will help you build this impressive 52"-high, 24"-wide, and 12"-deep project. Price: $22.95. Order No. 71095 from Klockit, Dept. WD, P.O. Box 636, Lake Geneva, WI 53147; 800/556-2548.

▼ Who says glue has to be colorless? Elmer's GluColors come in six neon colors and work great for many craft items and decorative woodcarvings. A three-pack lists for $4.99. Individual colors list for $1.69. Borden, Dept. WD, 180 E. Broad St., HPPG, Columbus, OH 43215-3799; 614/225-4511.

▲ You can save money by drying your own lumber with the TR250 Lumber Dryer—the smallest wood dryer in America. Once you build the kiln and add the TR250 you can dry 50 to 250 board feet for just 2¢ to 4¢ per board foot. Kiln construction guide included. List price: $1,150. Ebac Lumber Dryers, Dept. WD, 106 John Jefferson Road, Suite 102, Williamsburg, VA 23185; 800/433-9011 or 804/229-3038.

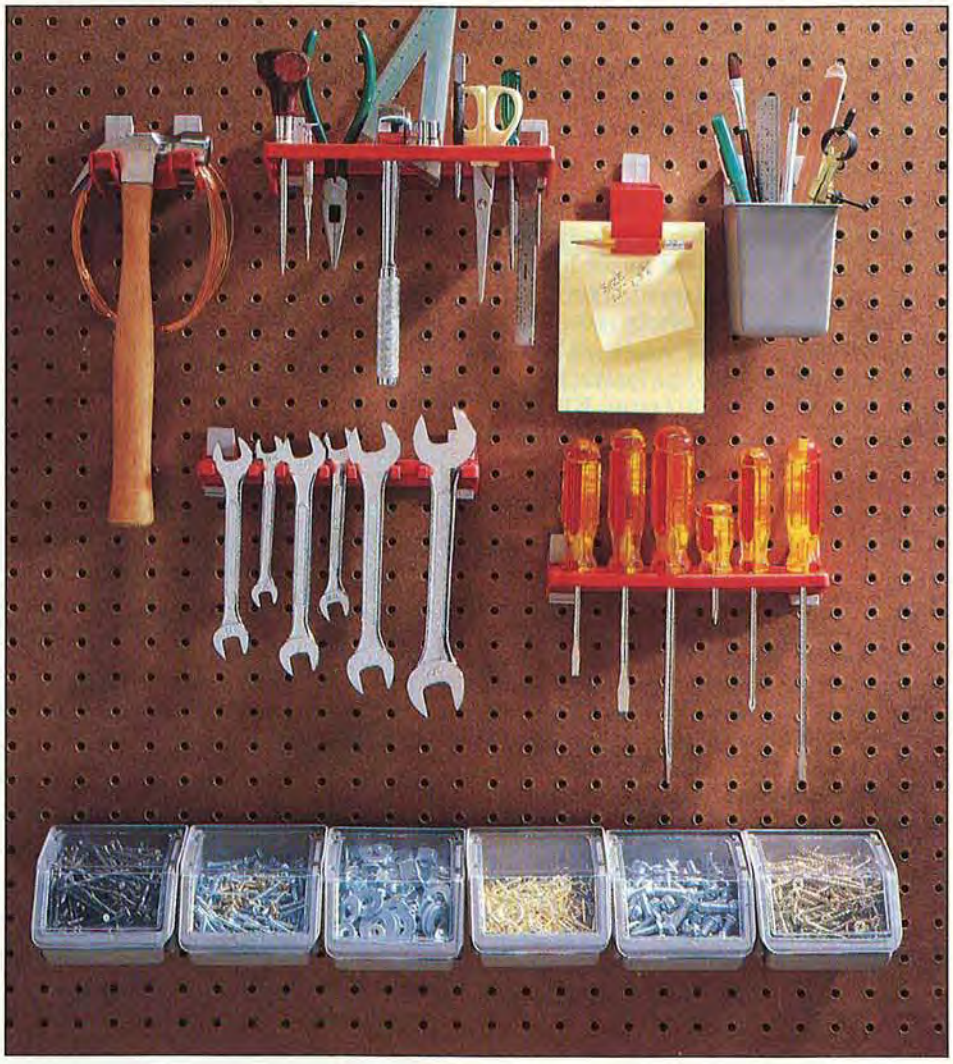
► Wainscoting adds a distinctive decorative touch to many rooms, and the Cedarpro Incense Cedar Wainscot Kit lets you get the job done with just a few hand tools. The kit contains enough materials to cover 18 square feet (six running feet), and instructions. List price: $34.95. P&M Consumer Products, Dept. WD, 2423 W. March Lane, P.O. Box 7958, Stockton, CA 95267; 800/243-7010 or 800/542-3436 (Calif.) or 209/957-6850.



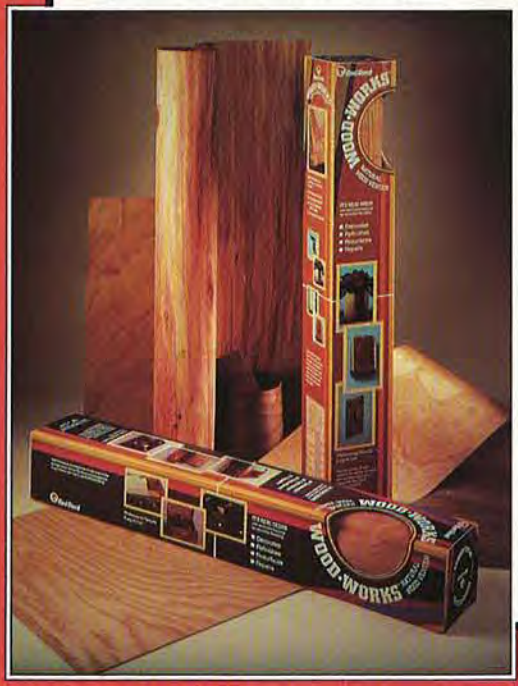
Medley of Merchandise

Stylish protective eyewear? Is there such a thing? Arriva Protective Eyewear provides you with a high level of good looks and protection. A specially designed orbital underbar helps protect from below as well as front, side, and above. Price: $6 to $7. U.S. Safety, Dept. WD, 8101 Lenexa Drive, P.O. Box 15965, Lenexa, KS 66215-5965; 913/599-5555.

Many home workshops have some perforated hardboard on the wall for hanging tools. But as we all know, the typical metal hooks made for pegboard usually fall short of fulfilling our needs. That's where Roughneck Tool Organizers come in. They help you hang all sorts of hand tools, and measuring and layout devices. Small parts such as nuts and bolts store in 4"-deep bins. Rubbermaid Advertising Services, Media Dept. HS-0271-W, 717 W. Smith Rd., Medina, OH 44258.



You can take on veneering without a lot of specialized tools, provided you've got Wood-Works Natural Wood Veneer from Red Devil on your side. The flexible veneer sheets come in four species—cedar, cherry, oak, and walnut—and can be applied to virtually any surface with standard adhesives. The sheets vary in price from $7.99 to $24.99 depending on size (from 18×24" to 36×48"). Red Devil, Dept. WD, 2400 Vauxhall Rd., P.O. Box 194, Union, NJ 07083-1933; 800/247-3790 or 908/688-6900.

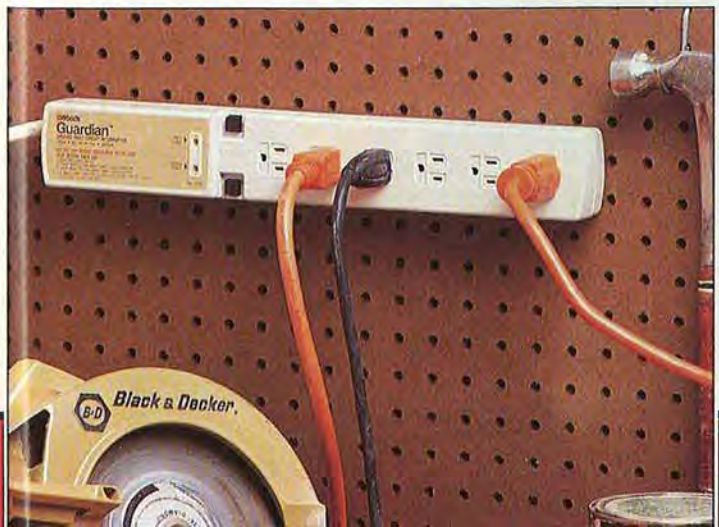


The Antique Hardware Store carries the kind of hardware you'll find in thousands of old homes, but in few if any hardware stores. The solid-brass Victorian door hinge shown *above* sells for about $30. Similar hinges and other hardware are available in cast iron as well. The Antique Hardware Store, Dept. WD, Rd. 2, Box A, Kintnersville, PA 18930; 215/847-2447.

Because of its slim design, the Electronic Lampi will go where other work lights can't. And, it's lightweight, shatter-resistant, rustproof, and can withstand shock and moisture. It comes with a 10′ cord, retractable hook, and 8-watt fluorescent tube that's equivalent to a 40-watt incandescent bulb. Lampi, Dept. WD, P.O. Box 1769, Huntsville, AL 35807; 800/633-7256 or 205/830-3110.

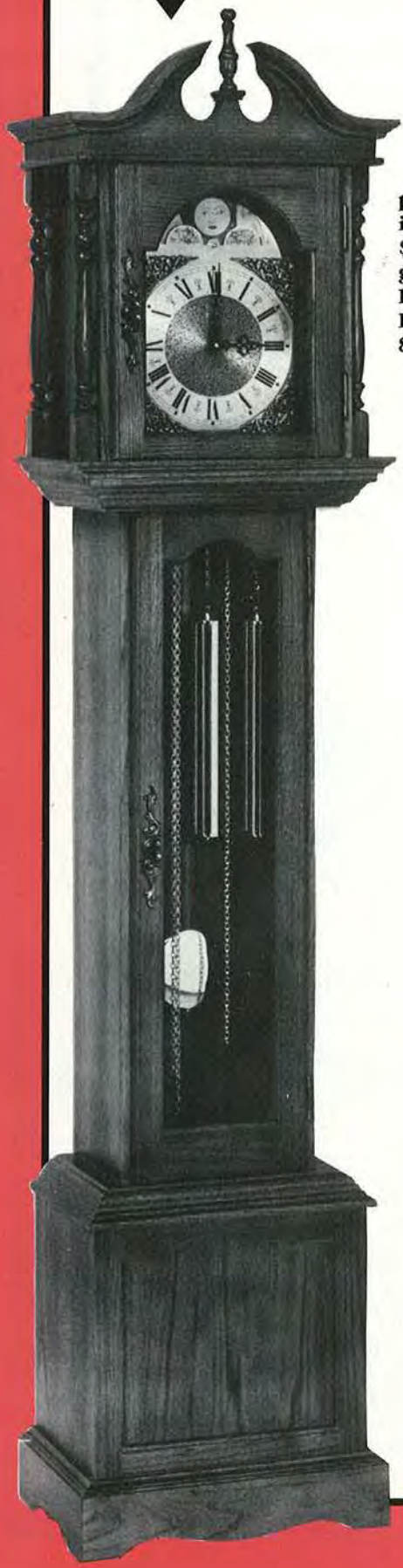
If you prefer traditional gluing methods, then try Franklin's Hide Glue (about $4.50 for 8 oz.). The adhesive also helps you achieve a crackled finish when applied beneath a latex paint. Franklin International, Dept. WD, 2020 Bruck St., Columbus, OH 43207; 800/347-4583 or 614/443-0241.

With the Minuteman Deluxe Dupli-Kit you can reproduce missing furniture parts in 4 to 6 minutes. The molded parts feel and look like real wood and can be colored and finished to match original wood. An instructional video and manual show how to replace Victorian carvings, pressed wood ornamentation, turned finials, glass knobs, brass hardware, and more. Price: $395. Minuteman, Dept. WD, 115 W. Monroe St., P.O. Box 8, Waterloo, WI 53594; 800/733-1776 or 414/478-2001.



Circuit breakers will protect your equipment, but to protect yourself from electrical shock, it sure helps to have a Ground-Fault Circuit Interrupter (GFCI) between your power tool and the wall outlet. The Six-Outlet Power Strip with Shock Protection from Woods Wire Products increases your available outlets and has a built-in GFCI. A test button verifies that the device is working, and a fault light indicates that the unit has tripped. List price: $21.60. Woods Wire Products, Dept. WD, 510 3rd Ave. S.W., P.O. Box 2675, Carmel, IN 46032; 800/428-6168 (consumer helpline) or 317/844-7261.

Medley of Merchandise



◄ Building a grandfather clock can be a huge project, so why not get some help? The design of the Model 120 Newport Clock Kit fits most decors. It's available in cherry, oak, or black walnut. Price: $199.50 for the case. Movement and beveled glass priced separately. Emperor Clock Co., Dept. WD, Emperor Industrial Park, P.O. Box 1089, Fairhope, AL 36533-1089; 800/642-0011 or 205/928-2316.

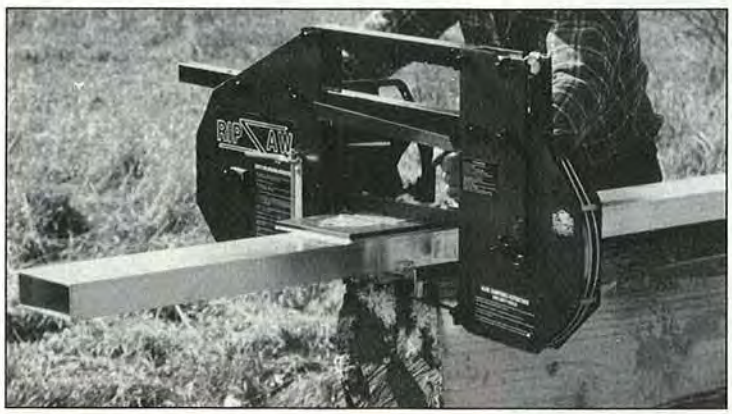
► For overhead and vertical bonding projects, you need an adhesive that's thick so it won't drip or sag. Devcon's 5-Minute Epoxy Gel fits the bill. Price: Less than $3 for 1 oz. Devcon Consumer Division, Dept. WD, 780 A.E.C. Drive, Wood Dale, IL 60191; 800/227-7950 or 708/350-2710.

▼ With the Assorted Woodscrew Kit, you'll have most of the screws you'll ever need, all neatly organized. The kit contains 12 bins, each holding 100 screws in popular sizes ranging from No. 6×¾" to No. 10×2½", two screwdrivers, and two power-tool bits ($47.95 ppd.). Available with Phillips (SCDKPMX) or square-recess (SCDKSMX) heads. Trend-Lines, Dept. WDEM, 375 Beacham St., Chelsea, MA 02150; 800/767-9999.

◄ No matter what sort of fireplace you have, chances are Majestic has a trim kit, mantel, and mantel shelves to help you enhance it. Six complete mantel kits range from the simple and classic to the intricately detailed, from the broad and hefty to the contemporary. Majestic, Dept. WD, 1000 E. Market St., Huntington, IN 46750; 800/525-1898 or 219/356-8000.

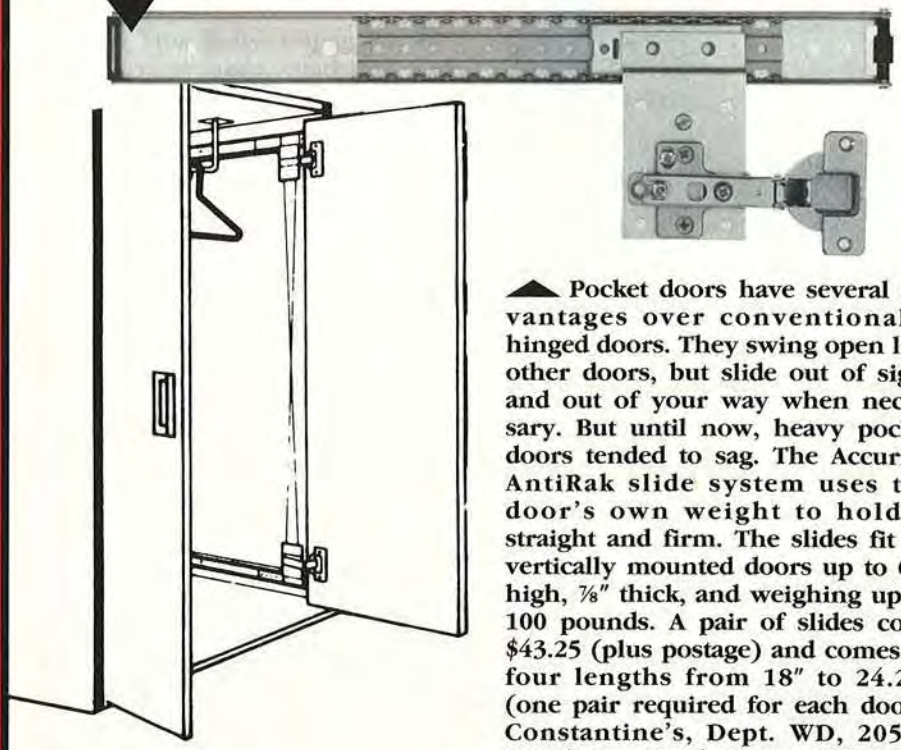
► It seems like every antique shop or flea market has one: a once-beautiful picture frame badly in need of repair. Now, you can restore these treasures of yesteryear with the Minuteman Deluxe Frame Kit. It contains all the special tools, materials, and instructions you'll need to tackle nearly any frame. Price: $499.95. Minuteman, Dept. WD, 115 W. Monroe St., P.O. Box 8, Waterloo, WI 53594; 800/733-1776 or 414/478-2001.

▼ Although it weighs only 45 pounds, the Ripsaw Portable Sawmill makes short work of logs up to 20" in diameter. Three electric and six gas models available. Prices range from $1,049 to $1,974. Better Built Corp., Dept. WD, 845 Woburn St., Wilmington, MA 01887; 508/657-5636.



► Heavy or sharp workshop debris can rip through standard trash bags, turning a minor mess into a major disaster. Ruffies Shop Sak Heavy-Duty Clean-Up Bags are 3 mils thick, and guaranteed to hold up to 100 pounds. Available at retail outlets across the country.

Medley of Merchandise



▲ Pocket doors have several advantages over conventionally hinged doors. They swing open like other doors, but slide out of sight and out of your way when necessary. But until now, heavy pocket doors tended to sag. The Accuride AntiRak slide system uses the door's own weight to hold it straight and firm. The slides fit all vertically mounted doors up to 60" high, ⅞" thick, and weighing up to 100 pounds. A pair of slides costs $43.25 (plus postage) and comes in four lengths from 18" to 24.29" (one pair required for each door). Constantine's, Dept. WD, 2054P Eastchester Road, Bronx, NY 10461; 800/223-8087 or 212/792-1600.

▼ Although it has the looks to be appropriate in your dining room or kitchen, the Studio Lamp and Lift has a feature that you might appreciate in your workshop. The lifts allow the fluorescent fixture to be raised or lowered in a drop ranging from 16" to 62" with an easy pull or push—no chains! Available in three sizes from 21" to 51" long. The 27" model with two lifts lists for $52.50. Lampi, Dept. WD, P.O. Box 1769, Huntsville, AL 35807; 800/633-7256 or 205/830-3110.

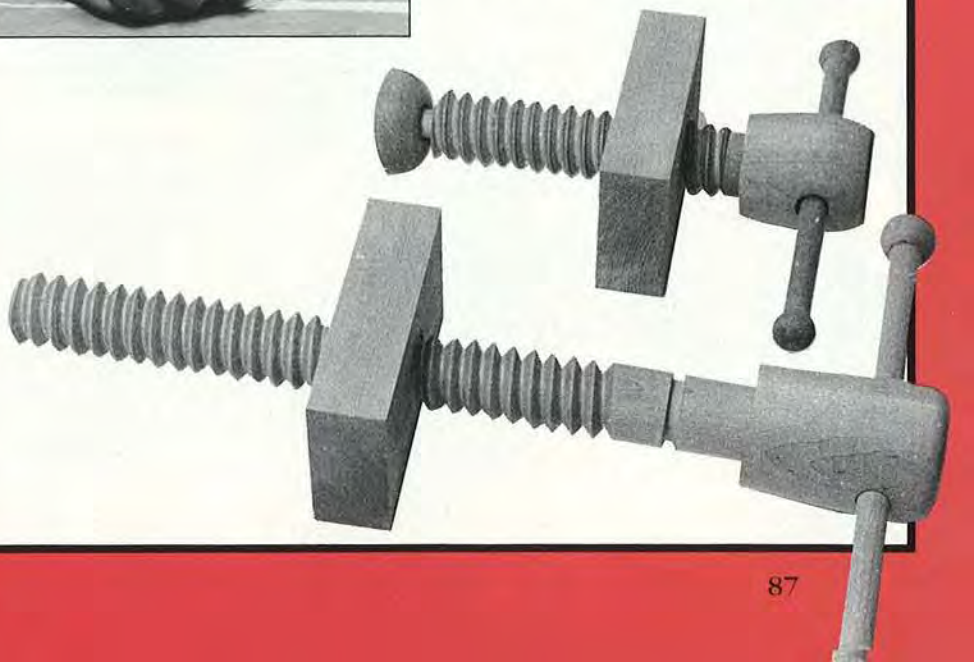
◄ The Casteel Series of heavy-gauge, black epoxy-coated shelving helps you organize your entire garage or workshop. Ventilated design allows good air circulation and reduces dust buildup. Clairson International, Dept. WD, 720 S.W. 17th St., Ocala, FL 32674; 800/221-0641 or 904/351-6100, ext. 4065.

► Here's just the ticket for any table project, from an elegant dining-room piece to a country-style model for the kitchen. The manufacturer also supplies cabriole and ball-and-claw units in a variety of species. Adams Wood Products, Dept. WD-1, 974 Forest Drive, Morristown, TN 37814; 615/587-2942.

Because they're made of an industrial-grade Resinite polymer, Roughneck toolboxes are light and won't rust or dent. A comfortable, recessed handle adds convenience to carrying and storing. The model 7714 shown lists for $24.95. Rubbermaid Advertising Services, Media Dept. HS-0362-W, 717 W. Smith Road, Medina, OH 44258.

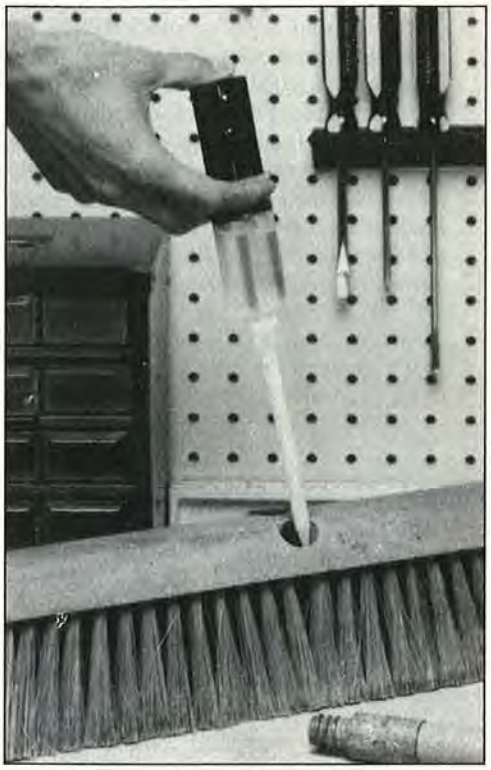
ZAR Wood Patch has an easy-to-use latex formula that contains pulverized wood for well-disguised repairs. Once the product dries, you can nail, saw, sand, or drill it. It will take paint, varnish, polyurethanes, and stains, and can be used indoors or outdoors. United Gilsonite Laboratories, Dept. WD, P.O. Box 70, Scranton, PA 18501; 800/845-5227 or 717/344-1202.

If you'd like an old-fashioned woodworking bench, and don't mind a challenging project, here are some bench screws turned from birch and maple. Both the shoulder vise screw *(top)* and bench screw *(bottom)* sell for $74.95 each (some instructions included; intermediate woodworking skills required for installation). The supplier also carries laminated beech benchtops. Beech Tree Hand Tool Co., Dept. WD, P.O. Box 21448, 4607 Ivanhoe Place, Columbia Heights, MN 55421; 612/572-0918.



Medley of Merchandise

If you're concerned about unauthorized use of your power tools by children or others, the Honeywell Power LockOut Control may be just what you're looking for. No special installation is required; just plug it into your outlet and turn the key. The device also provides power-surge protection. Price: $31.49. Techmart, Dept. WD, Suite 139, 2745 Winnetka Ave. North, Minneapolis, MN 55427; 800/688-1280.

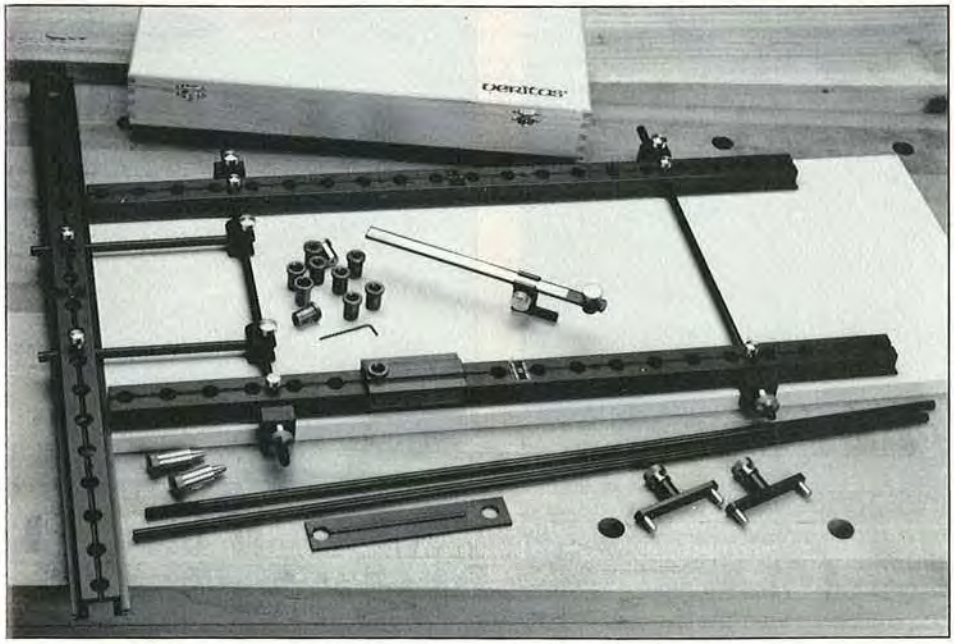


Looking for the fastest epoxy around? Here it is. Sure Shot Super Epoxy ($4.99 for 1 oz.) cures in one minute, and comes with a two-part syringe and mixing nozzle. Devcon Consumer Division, Dept. WD, 780 A.E.C. Drive, Wood Dale, IL 60191; 800/227-7950 or 708/350-2710.

Whether you're completely renovating your kitchen or just doing a little updating, you ought to take a look at the various cabinet organizers from Cabinet Maid. Dozens of versions of the coated-wire baskets and racks are available. The Dual Slide-Out Basket Sets shown here give you new storage space, and improve visibility and access. Three sizes fit virtually all cabinets. Clairson International, Dept. WD, 720 S.W. 17th St., Ocala, FL 32674; 800/221-0641 or 904/351-6100, ext. 4065.

Even the best blades and router bits won't perform well once covered with wood pitch. Pitch & Gum Remover is guaranteed to eliminate these problem buildups. Postage-paid price: $6.95 for one 18-oz. can (AG100). Trend-Lines, Department WDEM, 375 Beacham St., Chelsea, MA 02150; 800/-767-9999.

The Lido Brass Gourmet Rail System provides a decorative accent to any kitchen and helps you get things organized. Other available finishes include chrome, satin stainless, and powder-coated white. Lavi Industries, Dept. WD, 27810 Ave. Hopkins, Valencia, CA 91355; 800/624-6225 or 805/257-7800.

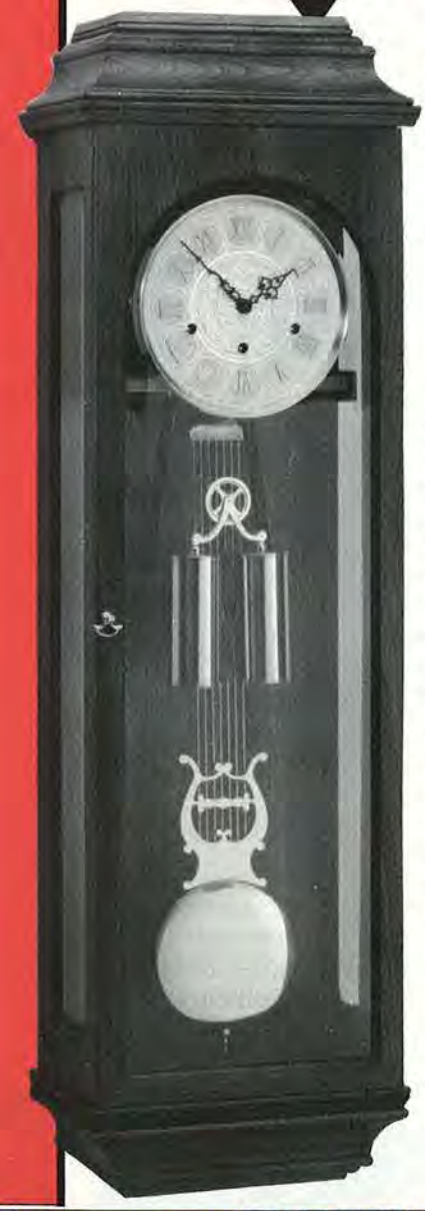


▲ You can build your own kitchen cabinets with just an electric drill, tablesaw, some clamps, and a few basic hand tools if you own the Veritas 32 Cabinetmaking System. The product consists of a rigid frame that you transfer from panel to panel. With the jig in position, you can precisely bore all necessary holes for joinery, shelf supports, and European-style hardware. List price: $295. Veritas Tools, Dept. WD, 12 E. River St., Ogdensburg, NY 13669.

▲ Wherever you need a little light, all you need to do is plug in Micro—The Anywhere Light from Lampi. It's ideal as a supplemental light for dark workshop corners and garage surfaces, lasts up to two years, and costs less than one cent to operate for 10 hours. List price: $9.95. Lampi, Dept. WD, P.O. Box 1769, Huntsville, AL 35807; 800/633-7256 or 205/830-3110.

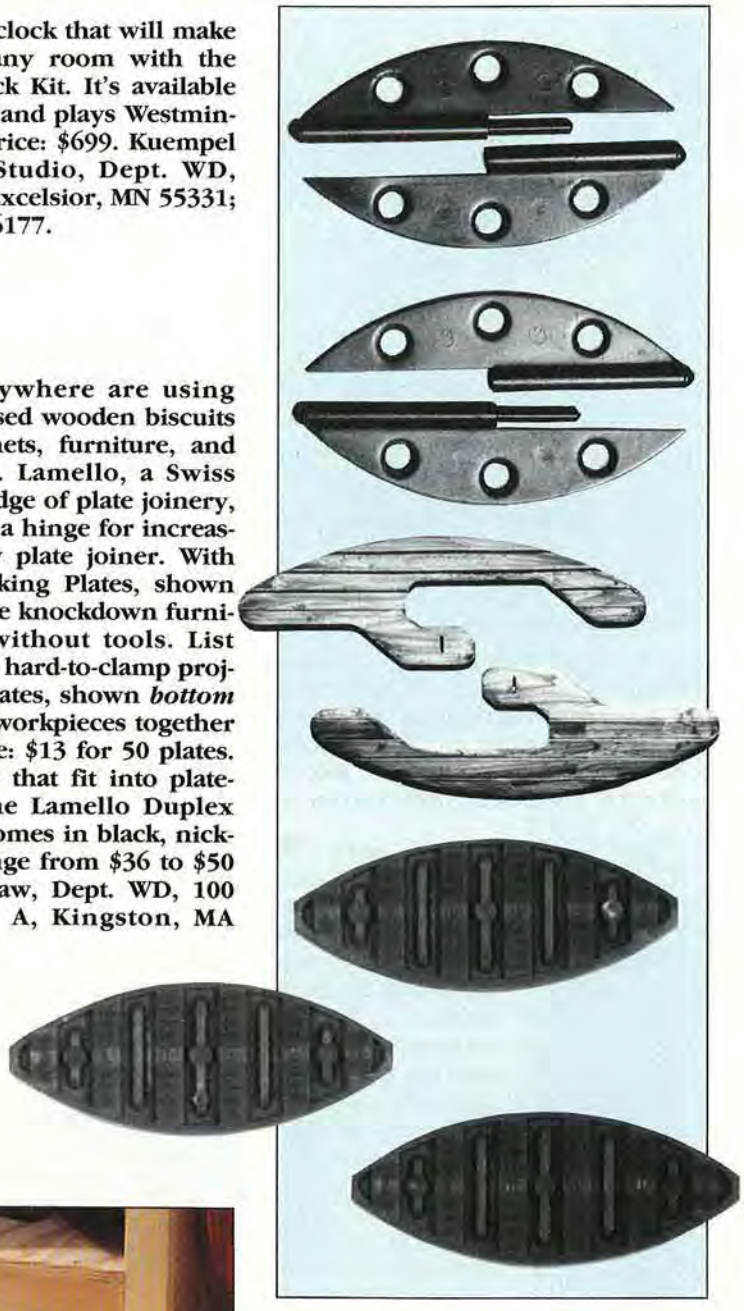
▼ If you have facial hair, or just don't find most respirators to be very comfortable, the Airstream Dust Helmet is for you. A belt-mounted, rechargeable battery pack and fan circulate fresh air to the front of your face for 10 continuous hours. Price: $299. Airstream, Dept. WD, 16 Division St., West, P.O. Box 975, Elbow Lake, MN 56531; 800/328-1792 or 218/685-4457.

Medley of Merchandise



You can build a wall clock that will make a delightful addition to any room with the Spirit of Liberty Wall Clock Kit. It's available in walnut, cherry, or oak, and plays Westminster chime on rods. List price: $699. Kuempel Chime Clock Works & Studio, Dept. WD, 21195 Minnetonka Blvd., Excelsior, MN 55331; 800/328-6445 or 612/474-6177.

Woodworkers everywhere are using plate joiners and compressed wooden biscuits (plates) for joining cabinets, furniture, and countless other projects. Lamello, a Swiss company on the leading edge of plate joinery, makes two new plates and a hinge for increasing the usefulness of any plate joiner. With Lamello Simplex Interlocking Plates, shown *middle right*, you can make knockdown furniture that disassembles without tools. List price: $43 for 50 pairs. For hard-to-clamp projects, the K-20 Clamping Plates, shown *bottom right,* have ribs that hold workpieces together as the glue dries. List price: $13 for 50 plates. You even can buy hinges that fit into plate-joiner-made mortises. The Lamello Duplex Hinge, shown *top right,* comes in black, nickel, or brass. List prices range from $36 to $50 for 20 hinges. Colonial Saw, Dept. WD, 100 Pembroke St., P.O. Box A, Kingston, MA 02364; 617/585-4364.



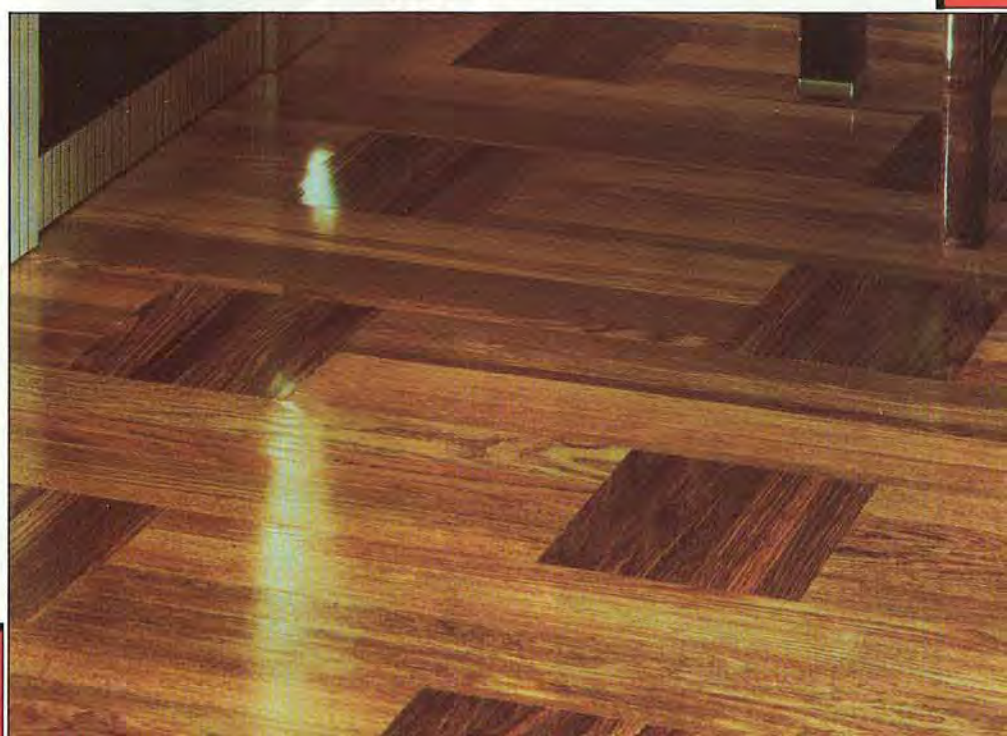
Those of us who spend long hours in the shop can benefit greatly from placing antifatigue mats wherever we stand for long periods. The Dynamat, a ⅜ × 24 × 36" plastic foam mat, helps prevent back pain and leg strain. Price: $18.99. Dynamat, Dept. WD, 399 27th Avenue N.E., Minneapolis, MN 55418; 612/788-7923.

▲ The Power Cat 300 brings light, ventilation, and a power outlet to any work area. It moves fumes and dust away from you when you're woodworking or applying finishes. In a hot attic or under the hood of a car, it will cool you and light your way. List price: $199. FASCO Consumer Products, Dept. WD, 810 Gillespie St., P.O. Box 150, Fayetteville, NC 28302; 800/334-4126 or 919/483-0421.

◄ Water can cause loads of damage to tools and machinery, so if you work in a basement or other area subject to water leakage, it may make sense to invest in a water alarm. This model has a remote sensor that you can place up to 50′ away from the alarm (unit comes with 6′ of wire). Postage-paid price: $17.99. Sonin, Dept. WD, 672 White Plains Road, Scarsdale, NY 10583; 800/223-7511 or 914/725-0202.

▼ Here's a product that will be appreciated by anyone who has done a lot of work with traditional contact adhesives. DAP's 3030 Water Dispersed Spray Grade Contact Cement is water-based with a high solids content, so it releases only a mild odor. You also can brush on the product. Price: $30–$40 for a gallon. DAP Inc., Dept. WD, P.O. Box 277, Dayton, OH 45401-0277; 800/543-3840 or 513/667-4461.

▼ You can install a patterned wooden floor in your home with Pattern-Plus flooring. The flooring stands up to heavy traffic because it has an acrylic-impregnated finish. Numerous patterns and colors available. Hartco Quality Wood Flooring, Dept. WD, 900 S. Gay St., Suite 1902, Knoxville, TN 37902; 615/544-0767.



Manufacturers' Listing

Print this article

AEG Power Tool Corp., Dept. WD,
P.O. Box 6003, Three Shaw's Cove,
New London, CT 06320-1777;
800/243-0870 or 203/447-4600

Accuset Tool Co., Dept. WD,
P.O. Box 1088, Troy, MI 48099;
313/879-0030

Adams Wood Products, Inc.,
Dept. WD-1, 974 Forest Drive
Morristown, TN 37814; 615/587-2942

Adjustable Clamp Co., Dept. WD,
417 N. Ashland Ave., Chicago, IL
60622; 312/666-0640

Advanced Machinery Imports,
Dept. WD, P.O. Box 312,
New Castle, DE 19720;
800/648-4264 or 302/322-2226

Airstream, Dept. WD,
16 Division St., West, P.O. Box 975,
Elbow Lake, MN 56531;
800/328-1792 or 218/685-4457

American Clamping Corporation,
Dept. WD, 50 Franklin St.,
P.O. Box 399, Batavia, NY 14021;
800/828-1004 or 716/344-1160

American Tool Companies, Inc.,
Dept. WD, P.O. Box 337,
DeWitt, NE 68341; 402/683-2315

Antique Hardware Store, Dept. WD,
RD2, Box A, Kintnersville, PA 18930;
800/422-9982 or 215/847-2447

Beech Tree Hand Tool Co., Dept. WD,
P.O. Box 21448, 4607 Ivanhoe Place,
Columbia Heights, MN 55421;
612/572-0918

Benjamin Moore & Co., Dept. WD,
51 Chestnut Ridge Rd.,
Montvale, NY 07645; 201/573-9600

Bessey
(see American Clamping Corp.)

Better Built Corp., Dept. WD,
845 Woburn St., Wilmington,
MA 01887; 508/657-5636

Black & Decker, Dept. WD,
10 North Park Dr., P.O. Box 798,
Hunt Valley, MD, 21030;
800/762-6672 or 301/527-7000

Borden, Dept. WD, 180 E. Broad St.,
HPPG, Columbus, OH 43215-3799;
614/225-4511

Bosch (see yellow pages
for your nearest dealer)

BossWorks, Inc., Dept. WD,
889 Valley Park Dr., P.O. Box 469,
Shakopee, MN 55379; 612/496-4297

Campbell Hausfeld, Dept. WD,
100 Production Dr.,
Harrison, OH 45030; 800/634-4793

Carlisle Plastics (see your local hardware store or homecenter)

Cascade Tools Inc., Dept. WD,
P.O. Box 3110,
Bellingham, WA 98227;
800/235-0272 or 206/647-1059

Continued on page 94

PORTER CABLE

309	LAMINATE TRIMMER	$ 92
100	7/8 HP ROUTER	95
314	4 1/2" TRIM SAW	128
330	SPEED BLOCK FINISHING SANDER-1/4 SHT	58
351	3" X 21" BELT SANDER	129
352	3" X 21" BELT SANDER WITH DUST BAG	131
360	3" X 24" BELT SANDER WITH DUST BAG	178
361	3" X 24" BELT SANDER	169
362	4" X 24" BELT SANDER WITH DUST BAG	185
363	4" X 24" BELT SANDER	179
505	1/2 SHEET FINISHING SANDER	112
555	BISCUIT JOINER WITH STEEL CASE	164
5116	OMNI JIG	259
6931	PLUNGE ROUTER BASE	77
7310	LAMINATE TRIMMER, 5.6 AMP	85
7335	5" RANDOM ORBIT SANDER-VARIABLE SPD	127
7336	6" RANDOM ORBIT SANDER-VARIABLE SPD	132
7518	3 1/4 HP FIXED BASE ROUTER-5 SPEED	259
7519	3 1/4 HP FIXED BASE ROUTER-SINGLE SPD	224
7536	2 1/2 HP ROUTER-SINGLE SPEED	204
7537	2 1/2 HP ROUTER-"D" HANDLE	214
7538	3 1/4 HP PLUNGE ROUTER-SINGLE SPEED	224
7539	3 1/4 HP PLUNGE ROUTER-5 SPEED	259
7549	BAYONNET SAW-BOSCH,PC OR UNIV BLADES	139
9118	PORTA PLANE KIT W-CASE,CARBIDE BLADE	169
9853	12 V 3/8" CDLESS DRILL KIT-KYLS,2 SPD, VAR	149
9854	12 V, 1/2" CDLESS KIT,VAR SPD W-GEARED CK	159
9505	COMMEMORATIVE 505 WITH OAK CASE	135
97310	LAMINATE TRIMMER KIT W-4 BASES & CASE	184

Panasonic

EY6207BC	12 VOLT CORDLESS KIT, 1/2" KEYLESS CK, 2 SPEED VSR, 15 MIN CHRGE,2 BAT, CASE!	235
EY6005BC	12V,3/8"CK,KYLS 2 SPD VSR W-2 BAT-1HR	169
EY6205BC	12V,3/8"CK,KYLS 2 SPD VSR W-15 MIN CHRG	179
EY6900BC	12 VOLT 3/8" HAMMER DRILL KIT, 15 MINUTE CHARGE, INC. 2 BATTERIES & CASE-NEW!	225

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0228-1	3/8" VSR PISTOL GRIP DRILL	$ 98
6014	1/2 SHEET FINISHING SANDER	116
6017	1/4 SHEET FINISHING SANDER, DUSTLESS	54
6365	7 1/4" CIRCULAR SAW	117
6511	2 SPD SAWZALL W-CASE & BLADES	128
6528	SUPER SAWZALL WITH CASE & BLADES	165

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LU88M008	8" X 48T ATB CROSSCUT THIN KERF	42
LU89M008	8" X 60T TCH NON FERROUS METALS	47
LU84M008	8" X 40 T ATB COMBO WOOD BLADE	42
LU82M010	10" X 40T ATB COMBINATION WOOD	36
LU84M011	10" X 50T ATB COMBO WOOD BLADE	38
LU85M010	10" X 80T ATB CUT OFF-BEST FOR WOOD	55
LM72M010	10" X 24T FLAT TOP RIP BLADE-WOOD	36
LU87M010	10" X 24T RIP BLADE THIN KERF	37
LU88M010	10" X 60T CROSSCUT THIN KERF	43
LU89M010	10" X 72T TCH NON FERROUS METALS	64
LU92M010	10" X 80T TCH BEST FOR LAMINATES	68
LU98M010	10" X 80T TCH WOOD OR LAMINATES	68
TK203	7 1/4" X 24T THIN KERF	18
TK206	10" X 24T THIN KERF RIPPING	20
TK306	10" X 40T THIN KERF COMBINATION	25
TK906	10" X 50T THIN KERF CROSSCUT-COMBO	27
SD308	8" DADO SET WITH CARRYING CASE	116
WC104	4 PIECE WOOD CHISEL SET WITH CASE	39
WC106	6 PIECE WOOD CHISEL SET WITH CASE	52
WC110	10 PIECE WOOD CHISEL SET WITH CASE	79
FB107	7 PIECE FORSTNER BIT SET WITH CASE	49
CS106	6 PIECE CARVING SET WITH CASE	73
CS112	12 PIECE CARVING SET WITH CASE	129
88-100	9 PC BASIC ROUTER BIT SET-1/4"SHANK	104
90-100	15 PC ADVANCED SET-1/4" SHANKS	162
91-104	6 PC STARTER SET-PROFILE BITS-1/4"SH	114
94-100	CABINET DOOR SET-1/2" SHANKS	154
EB100	EDGE BANDING SYSTEM-AFTER REBATE	194

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77	7 1/4" WORM DRIVE SAW INC. CARBIDE BLD	145
5550	7 1/4" CIRCULAR SAW W/CARBIDE BLADE	89
5660	8 1/4" 60 DEGREE PRO BEVEL SAW W/CBD	138
1575	3 3/4" PLANER W/CARBIDE BLADES	119

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1273	4" X 24" BELT SANDER	170
1273D	4" X 24" BELT SANDER WITH DUST BAG	178
1273DVS	4" X 24" BELT SANDER W-BAG-VAR SPD	188
1370DEVS	6" RANDOM ORBIT SANDER,VS W-BAG	224
1581VS	TOP HANDLE VS JIG SAW, ORBITAL	132
1582VSC	BARREL GRIP VS JIG SAW, ORBITAL	132
1601	1 HP ROUTER	99
1604	1 3/4 HP ROUTER	119
1608	LAMINATE TRIMMER	85
1608U	UNDERSCRIBE TRIMMER	117
1609K	LAMINATE TRIMMER INSTALLERS KIT	164
1609KX	SAME AS 1609K-WITH UNDERSCRIBER	209
1654	7 1/4" PIVOTING SHOE CIRC. SAW	107
3270D	3" X 21" BELT SANDER WITH DUST BAG	129
3050VSRK	CORDLESS DRILL 9.6V W/2 BAT & CASE	126
1194VSR	3/8" HAMMER DRILL,VARIABLE SPEED	154
1196VSR	1/2" HAMMER DRILL VSR, 6 AMP	99
1198VSR	1/2" 2 SPEED VSR HAMMER DRILL	130
11305	DEMOLITION HAMMER W-POINT & CASE	659
1001VSR	3/8" VSR DRILL 4.8 AMP	59
1021VSR	3/8" VSR DRILL 4.8 AMP HD CHUCK	89
1023VSR	1/2" VSR DRILL 4.8 AMP-SIDE HANDLE	94

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BE424	4" X 24" BELT SANDER W-BAG-VAR SPD	165
L1323ALSK	3 1/4" LONG SHOE PLANER KIT	119

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N80S	STICK NAILER-6 TO 16 PENNY	$388
T40S-1CT	ROOFING STAPLER	299
N12B	ROOFING NAILER	409
N50FN	FINISH NAILER-1" TO 2" CAPACITY	335
MIII-812	T-NAILER 9/16"-2 1/4" CAPACITY	429
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31-460	4" BELT /6" DISC SANDER	138
40-560	16" TWO SPEED SCROLL SAW	184
31-080	1" BELT/5" DISC SANDER	94
31-050	1" BELT SANDER	77
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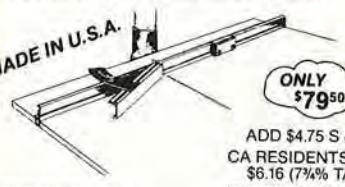

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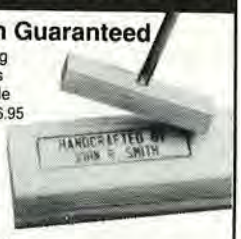

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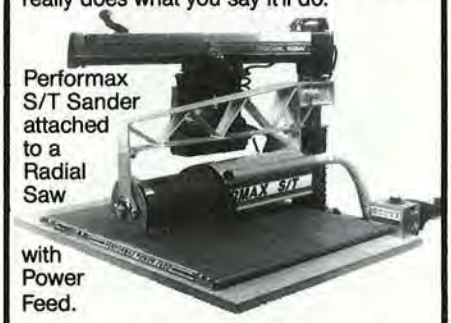

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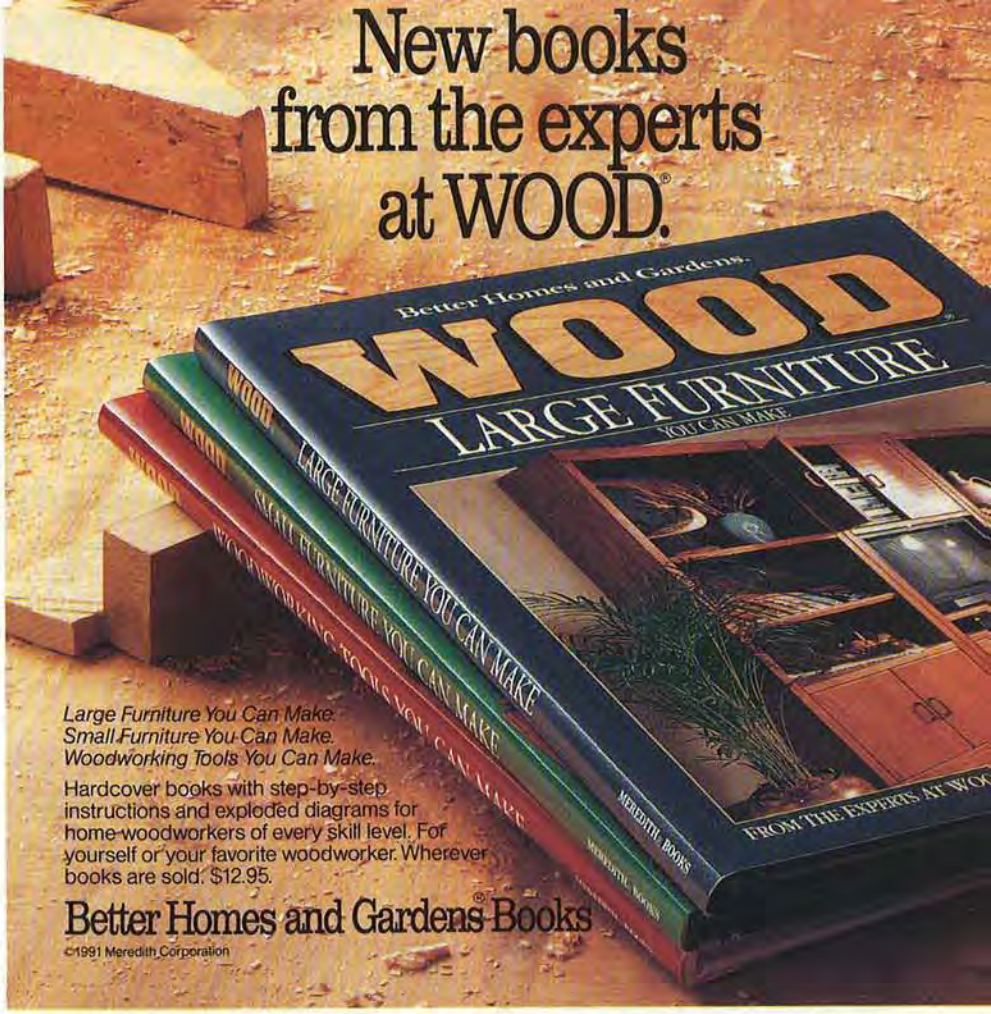

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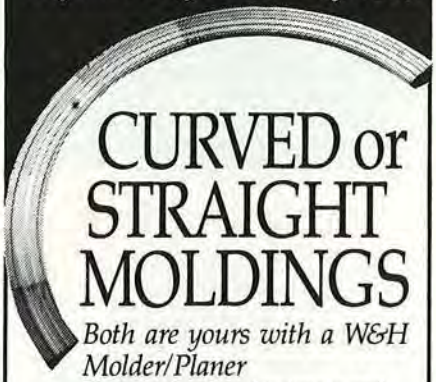

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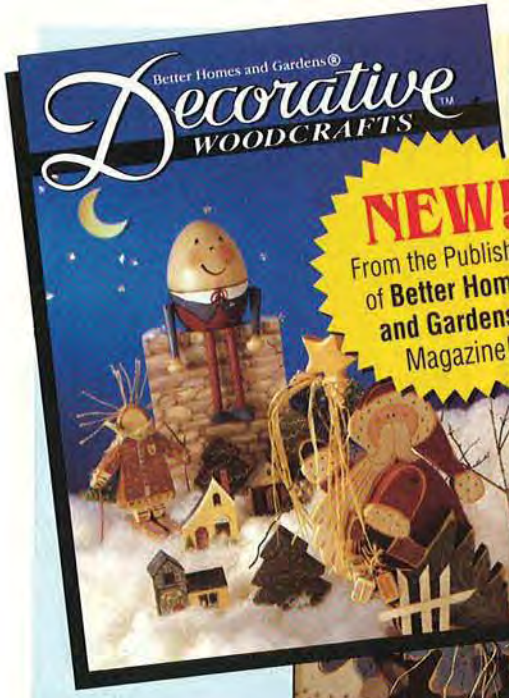

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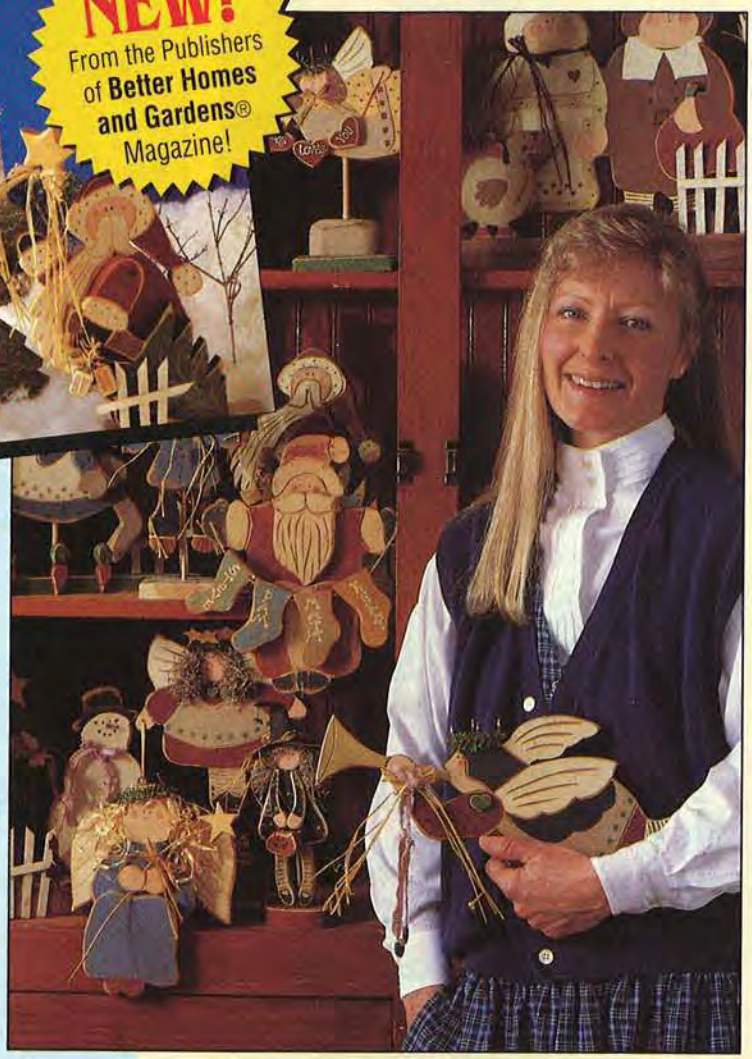

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U.S. Safety, Dept. WD, 8101 Lenexa Dr., P.O. Box 15965, Lenexa, KS 66215-5965; 913/599-5555

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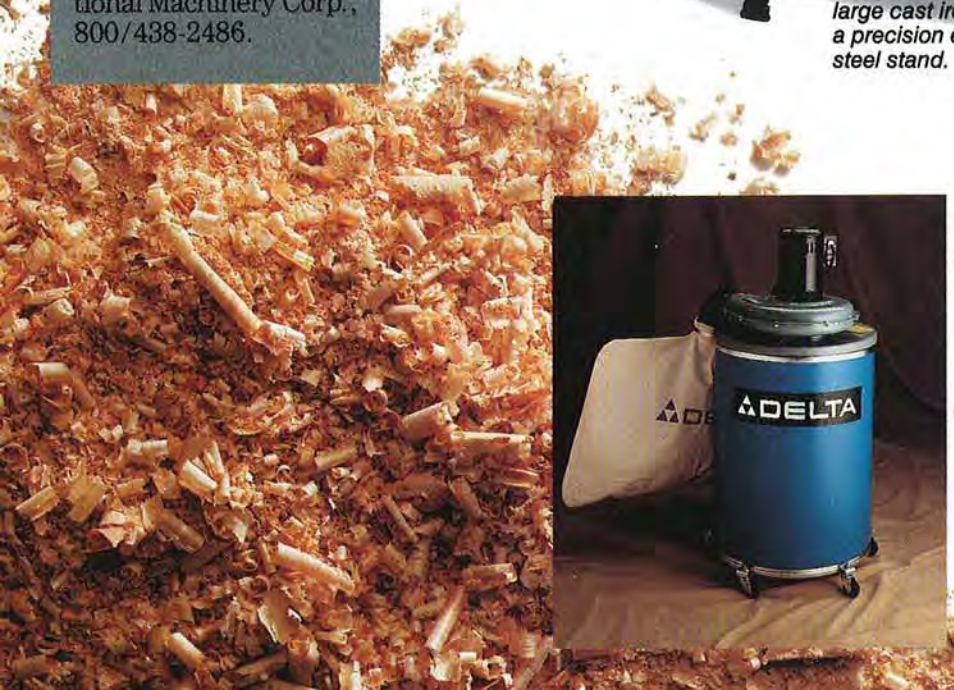

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